

# भारत का राजपत्र

## The Gazette of India

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PUBLISHED BY AUTHORITY



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No. 26] NEW DELHI, SATURDAY, JUNE 24, 2000 (ASADHA 3, 1922)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

### भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
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Calcutta, the 24th June 2000

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Diu and Dadra and Nagar Haveli.

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IIIrd Floor, Rajaji Bhavan, Besant Nagar,  
Chennai-600 090.

The States of Andhra Pradesh,  
Karnataka, Kerala, Tamilnadu and  
Pondicherry and the Union  
Territories of Laccadive, Minicoy  
and Amindivi Islands.

Telegraphic address "PATENTOFIS"

Phone No. 490 1495  
Fax No. 044 490 1492.

Patent Office (Head Office),  
"NIZAM PALACE", 2nd M.S.O.  
Building, 5th, 6th and 7th  
Floors, 234/4, Acharya Jagadish  
Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS"

Phone No. 247 4401  
Fax No. 033 247 3851

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**पेटेंट कार्यालय**

एकसूत्र तथा अभिकल्प

कलकत्ता, दिनांक 24 जून 2000

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके पारंपरिक क्षेत्राधिकार जिन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोंडी इस्टेट,  
तीसरा तल, लोअर परले (प.),  
मुम्बई-400013 ।

गुजरात, महाराष्ट्र, मध्य प्रदेश  
तथा गोवा राज्य क्षेत्र एवं मंच  
शासित क्षेत्र, दसन तथा दीव एवं  
दादर और नगर हवेली ।

तार पता - "पेटेंटिफिस"

फोन : 482 5092 फैक्स : 022 4950 622

पेटेंट कार्यालय शाखा,  
एकक सं. 401 से 405, तीसरा तल,  
नगरपालिका बाजार भवन,  
सरस्वती मार्ग, करोल बाग,  
नई दिल्ली-110 005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू  
तथा कश्मीर, पंजाब, राजस्थान,  
उत्तर प्रदेश तथा दिल्ली राज्य  
क्षेत्रों एवं मंच शासित क्षेत्र चंडीगढ़ ।

तार पता - "पेटेंटिफिक"

फोन : 578 2532 फैक्स : 011 576 6204

पेटेंट कार्यालय शाखा,

विंग "सी" (सी-4, ए),

तीसरा तल, राजाजी भवन,

बम्बई नगर, चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु  
तथा पाण्डिचेरी राज्य क्षेत्र एवं  
मंच शासित क्षेत्र, लक्षद्वीप, भिनिकाय  
तथा एमिनिदिवि द्वीप ।

तार पता - "पेटेंटिफिस"

फोन : 490 1495 फैक्स : 044 490 1492

पेटेंट कार्यालय (प्रधान कार्यालय),  
निर्माण पैलेस, द्वितीय बहत्तीय कार्यालय  
भवन, 5, 6 तथा 7वां तल,  
234/4, आचार्य जगदीश बोस मार्ग,  
कलकत्ता-700 020 ।

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"

फोन : 247 4401 फैक्स : 033 247 3851

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम,  
1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपीकृत  
सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई  
किस पेटेंट कार्यालय के केवल सम्बंधित कार्यालय में ही ग्रहण  
किये जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा  
जहाँ उपयुक्त कार्यालय अवस्थित है, उस स्थान की अनुसूचित  
बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा  
की जा सकती है ।

**APPLICATION FOR THE PATENT FILED AT THE  
HEAD OFFICE  
234/4, ACHARYA JAGDISH BOSE ROAD  
CALCUTTA-700 020**

The dates shown in the crecent brackets are the dated  
claimed under section 135, under Patent Act, 1970.

25-04-2000

244 /Cal/2000. Samsung Electronics Co. Ltd. Separable and  
assembleable outer case of home appliance.  
(Convention No. 99-48755 filed on 5-11-1999 in  
Republic of Korea).

245 /Cal/2000. Samsung Electronics Co. Ltd. Driving device  
of washing machine.  
(Convention No(s) 99-33716 filed on 16-8-1999  
and 99-35398 filed on 25-8-1999 in Republic of  
Korea).

246 /Cal/2000. Francolor Pigments. Process for removing  
a soluble metal contained in acidic and/or basic  
effluents originating from organic syntheses.  
(Convention No. 9905790 filed on 6-5-1999 in  
France).

247 /Cal/2000. Mitsui Chemicals, Incorporated. Production  
method of 4, 6-diaminoresorcin.  
(Conventional No(s). 123328/1999 filed on  
30-4-1999; 158850/1999 filed on 7-6-1999;  
181093/1999 filed on 28-6-1999; 213013/1999  
filed on 28-7-1999; 289055/1999 filed on  
12-10-1999; 299465/1999 filed on 21-10-1999;  
327647/1999 filed on 18-11-1999 in Japan).

26-4-2000

248 /Cal/2000. Mitsui Chemicals, Inc. Process for producing  
aromatic hydroxy compound.  
(Convention No. 121647/1999 filed on 28-4-1999  
in Japan).

27-4-2000

249 /Cal/2000. Samsung Electronics Co. Ltd. Power trans-  
mission mechanism of washing machine.  
(Convention No. 99-59787 filed on 21-12-1999  
and 99-35399 filed on 25-8-1999 in Republic of  
Korea).

250 /Cal/2000. Samsung Electronics Co. Ltd. Manual one-  
tub washing machine.  
(Convention No. 99-56888 filed on 11-12-1999  
in Republic of Korea).

251/Cal/2000. Central Sericultural Research & Institute. A silkworm egg box.

28-4-2000

252/Cal/2000. Eaton Corporation. Powertrain torque control (Convention No. 09/314,515, filed on 17-5-1999 in U.S.A.).

253/Cal/2000. Degussa-Huls Aktiengesellschaft. Flux for brazing difficult to wet metallic materials. (Convention No. 199 21332.1 filed on 8-5-1999 in Germany).

254/Cal/2000. Deutsche Thomson-Brandt GmbH. Method for marking digital data. (Convention No. 99109782.5 filed on 18-5-1999 in EPO).

01-05-2000

255/Cal/2000. Sawyer Research Products, Inc. Method and apparatus for growing crystals.

256/Cal/2000. Matsushita Electric Industrial Co. Ltd. Apparatus and method for transmission/reception. (Convention No. 11-220827 filed on 4-8-99 in Japan).

257/Cal/2000. American Cynamid Company. A process for the preparation of chiral imidazolinone herbicides. (Convention No. 09/303,967 filed on 3-5-1999 in United States of America).

258/Cal/2000. (a) Steel Authority of India. (b) Research & Development Centre for Iron & Steel. An improved process for production of medium carbon microalloyed cold reduceable quality hot strips.

02-05-2000

259/Cal/2000. Calmar Inc. Discharge valve assembly for trigger sprayer. (Convention No. 09/323,160 filed on 1-6-99 in U.S.A.).

260/Cal/2000. Hewlett-Packard Company. Inkjet printhead with top plate bubble management.

261/Cal/2000. Matsushita Electric Industrial Co. Ltd. OFDM transmitting and receiving apparatus and OFDM transmitting and receiving method.

Application for the Patent filed at Patent Office Branch, Municipal Market Building, IIIrd Floor, Karol Bagh, New Delhi-110 005.

21-02-2000

138/Del/2000. Pfizer Products Inc., U.S.A. "Process for preparing growth hormone secretagogues". (Convention date 26-2-99), U.S.A.

22-02-2000

139/Del/2000. Sanjai Saxena, New Delhi, India. "A process for the preparation of herbicide/weedicide"

140/Del/2000. Sanskar Sharma, New Delhi, India. "An improved intake manifold".

141/Del/2000. Chief Controller, Research & Development, New Delhi, India. "Carbon aramid fibre reinforced plastic composites and a method for preparation thereof".

142/Del/2000. Warner-Lambert Company, U.S.A. "Isothiazolones". (Convention date : 31-05-1995), U.S.A.

143/Del/2000. Carrier Corporation, U.S.A. "Apparatus for cooling the power electronics of a refrigeration compressor drive". (Convention date : 15-3-99). U.S.A.

144/Del/2000. Carrier Corporation, U.S.A. "Method and apparatus for torque control to regulate power requirement at start up". (Convention date : 15-3-99), U.S.A.

23-02-2000

145/Del/2000. Deopura, Basanti Lal, New Delhi, India "Uni-Polymer composites".

146/Del/2000. International Business Machine Corporation U.S.A. "Mobile communication system and method". (Convention date : 10-3-99), Japan.

24-2-2000

147/Del/2000. Dabur Research Foundation, U.P., India "Bombesin analogs for treatment of cancer".

148/Del/2000. Ishwar Chander, Punjab, India. (Samvedan) "Ayurvedic Medicinal composition".

25-02-2000

149/Del/2000. Council of Scientific & Industrial Research, India. "A process of making yttrium aluminium garnet powder"

150/Del/2000. Council of Scientific & Industrial Research India. "An improved process for the sintering silicon carbide".

151/Del/2000. Council of Scientific & Industrial Research India. "A process for the preparation of sintered cubic Y-Aluminium Oxynitride".

152/Del/2000. Council of Scientific & Industrial Research, New Delhi & Ballapur Industries Limited, New Delhi, India. "A process for the preparation of sub-denier fibres".

153/Del/2000. Council of Scientific & Industrial Research, India. "4-Aryl-2, 6-dimethyl-3-carboethoxy-5-caromethoxy-1, 4-dihydropyridines and a novel process for preparation of said 1, 4-dihydropyridines as therapeutic agents".

154/Del/2000. Council of Scientific & Industrial Research India. "4-Aryl-2, 6-dimethyl-3-5-dicarbomethoxy-1, 4-dihydropyridines and a novel process for preparation of said 1, 4-dihydropyridines as therapeutic agents".

155/Del/2000. Council of Scientific & Industrial Research, India "A process of making silicon sintered product".

156/Del/2000. Council of Scientific & Industrial Research, India. "A process for the manufacture of translucent structural composite components".

157/Del/2000. Council of Scientific & Industrial Research India "An improved process for the synthesis of 5-(2-fluorophenyl)-1H-tetrazole".

158/Del/2000. Council of Scientific & Industrial Research, India. "4-Aryl-2, 6-dimethyl-3, 5-dicarbomethoxy-1, 4-dihydropyridines and a novel process for preparation of said 1, 4-dihydropyridines as therapeutic agents".

159/Del/2000. Council of Scientific & Industrial Research, India. "An improved process for the synthesis of ferroelectric relaxor material".

160/Del/2000. Council of Scientific & Industrial Research, India. "A process for the fabrication or improved metallised ceramic substrate useful for assembly of semiconductor devices".

161/Del/2000. Council of Scientific & Industrial Research, India. "An improved process for the manufacture of fibrous silicon carbide".

162/Del/2000. Council of Scientific & Industrial Research, India. "An improved process for the making of sintered silicon carbide composites".

163/Del/2000. Council of Scientific & Industrial Research, India. "A process for the preparation of a novel thermosetting polymer useful for engineering applications".

164/Del/2000. Council of Scientific & Industrial Research, India. "A process of making yttrium aluminium perovskite powder".

165/Del/2000. Alternate Hydro Energy Centre, U.P., India. "A device useful as a multi purpose power unit".

166/Del/2000. Alternate Hydro Energy Centre, UP, India. "Improved water mill useful for grain grinding".

167/Del/2000. National Council for Cement & Building Materials, New Delhi, India. "A vertical shaft kiln".

168/Del/2000. Tata Energy Research Institute, New Delhi & Department of Biotechnology, New Delhi, India. "A microbial nutrient".

169/Del/2000. Kailash Choudhary & Chetan Choudhary, New Delhi, India. "Glass fibre reinforced plastic rods".

170/Del/2000. Rama Vishvkarma, Radheshyam Vishvkarma, Rajender Vishvkarma, Kailash Vishvkarma and Subhash Vishvkarma, U.P., India. "A green Engine".

171/Del/2000. Bharat Heavy Electricals Ltd., New Delhi, India. "Gas filled surge arrestor with fast response time".

28-02-2000

172/Del/2000. International Tractors Limited, New Delhi, India. "New improved diesel engine being fuel efficient, environment friendly and having more power less fuel consumption, noise, vibration and smoke".

173/Del/2000. Ashok Kumar Jain "Ashoka Septic Tank".

29-02-2000

174/Del/2000. Centre for development of telematics, New Delhi, India. "An ATM Switch".

175/Del/2000. Centre for development of telematics, New Delhi, India. "An ATM Switch".

176/Del/2000. Centre for development of telematics, New Delhi, India. "An ATM Switch".

177/Del/2000. Dabur Research Foundation, U.P., India. "A novel process for manufacturing betohnic acid from ziziphus jujuba".

178/Del/2000. Rajiv Batra, New Delhi, India. "An improved variety of ghee having bernal properties".

02-03-2000

179/Del/2000. Ethyl Petroleum Additives Limited, England. "A method for demulsifying a hydraulic or industrial functional fluid". (Convention date 3-3-1999), EPO.

180/Del/2000. Central Electronics Limited, U.P., India. "A solar snow melting and water heater".

181/Del/2000. International Business Machine Corporation U.S.A. "Enabling conformance to legislative requirements for mobile devices". (Convention date 31-03-1999), U.K.

182/Del/2000. Toyota Jidosha Kabushiki Kaisha, Japan. "Emission control apparatus for internal combustion engine". (Convention date 29-03-1999), Japan.

03-03-2000

183/Del/2000. The Secretary of State for Defence in her Britannic Majesty Government of the United Kingdom of Great Britain and Northern Ireland, United Kingdom. "A protein having Luciferase activity". (Convention date 20-1-95 & 24-1-95), United Kingdom.

184/Del/2000. Whirlpool Corporation, U.S.A. "Drive system for a vertical axis washer". (Convention date 8-3-1999), U.S.A.

06-03-2000

185/Del/2000. Surendra Nath Agarwal, U.P., India. "Leaf Oil of curcuma domestics".

186/Del/2000. Council of Scientific & Industrial Research, India. "An improved process for the preparation of stable yeast crystals".

187/Del/2000. Council of Scientific & Industrial Research, India. "An improved process for production of Ethanol".

188/Del/2000. Council of Scientific & Industrial Research, India. "An improved process for the single isolation of albumin".

189/Del/2000. Council of Scientific & Industrial Research, India. "A process of making a lead free frit useful for application on pottery body".

190/Del/2000. Council of Scientific & Industrial Research, India. "A process of making ultra low expansion glass ceramics".

191/Del/2000. Council of Scientific & Industrial Research, India. "A process for isolation of peridinol from zoanthus SP".

192/Del/2000. Indo Vanillin Chemicals Ltd., Haryana, India. "New process of manufacturing ethyl vanillin".

193/Del/2000. Ganga Packaging, Faridabad, (Haryana), India. "8 lane vertical form fill and seal machine for liquid".

07-03-2000

194/Del/2000. Humatio Corporation, U.S.A. "Melt processable starch compositions". (Convention date 8-3-99), U.S.A.

195/Del/2000. Humatio Corporation, U.S.A. "Absorbent, flexible, structure comprising starch fibres". (Convention date 8-3-99), U.S.A.

196/Del/2000. Ranbaxy Laboratories Limited, New Delhi, India & Toyama Chemical Co. Ltd., Japan. "One pot synthesis of alkyl 3-cyclopropylamino-2-(2, 4-dibromo-3-(difluoromethoxy) benzoyl)-2-propenoate as a useful intermediate for antibacterial quinolone medicaments".

197/Del/2000. Ranbaxy Laboratories Limited, New Delhi, India. "Process for the preparation of aqueous pharmaceutical composition of fluoroquinolones".

198/Del/2000. Ranbaxy Laboratories Limited, New Delhi, India. "Processes for the syntheses of new azole compounds as therapeutic agents for fungal infections".

199/Del/2000. Chief Controller, Research & Development, New Delhi, India. "A process for preparation of strontium-modified FZT ceramics".

200/Del/2000. Yunus Patel, New Delhi, India. "A safety device for compressed air supply driven equipment on the loss of supply pressure".

201/Del/2000. Kabushiki Kaisha Toshiba, Japan. "System application management method and system, and storage medium which stores program for executing system application management". (Convention date : 8-3-1999), Japan.

202/Del/2000. International Business Machine Corporation, U.S.A. "Method and apparatus for employing cognitive compares in compare statement sequence". (Convention date : 22-4-1999), U.S.A.

9-3-2000

203/Del/2000. Indian Council of Agricultural Research, New Delhi, India. "A simple cradle for trans-cervical artificial insemination in sheep".

204/Del/2000. Council of Scientific and Industrial Research, New Delhi, India. "A process for the preparation of an antifouling extract from a female horseshoe crab".

205/Del/2000. Council of Scientific and Industrial Research, New Delhi, India. "A new process for the preparation of group II/group III lubricating oil".

206/Del/2000. Council of Scientific and Industrial Research, New Delhi, India. "An improved method for enhanced oil recovery from oil seeds".

207/Del/2000. Council of Scientific and Industrial Research, New Delhi, India. "An improved process for the isomerisation of eugenol to isoeugenol".

208/Del/2000. Council of Scientific and Industrial Research, New Delhi, India. "Improved anaerobic reactor useful for treatment of biodegradable wastewater".

209/Del/2000. Council of Scientific and Industrial Research, New Delhi, India. "A process for the preparation of novel pyrrolo (2, 1-c) (1, 4) benzodiazepines".

210/Del/2000. Council of Scientific and Industrial Research, New Delhi, India. "Novel pyrrolo (2, 1-c) (1, 4) benzodiazepines useful as antitumour agents".

211/Del/2000. Council of Scientific and Industrial Research, New Delhi, India. "A process for the preparation of novel ether derivatives of dihydroartemisinin".

212/Del/2000. Council of Scientific and Industrial Research, New Delhi, India. "Novel ether derivatives of dihydroartemisinin as antimalarials".

213/Del/2000. Council of Scientific and Industrial Research, New Delhi, India. "A process for the preparation of D-ring annelated pyrido (17, 16-b) steroids as potential anticancer agents".

214/Del/2000. Council of Scientific and Industrial Research, India. "An improved process for the preparation of micro cellulose beads".

215/Del/2000. Council of Scientific and Industrial Research, India. "A process for the production of a biologically active phenolic compound (+) catechin of formula 1 from taxus wallichiana tissue cultures".

216/Del/2000. Council of Scientific and Industrial Research, India. "An improved process for the preparation of 1, 4 butenediol".

217/Del/2000. Council of Scientific and Industrial Research, India. "An improved process for selective hydrogenation of 1, 4 butyned oil to 1, 4 butenediol".

218/Del/2000. (1) Council of Scientific and Industrial Research, India. "An improved process for the production of 6-pentyl-oc-pyrone with coconut Flavour". (2) Department of Biotechnology, New Delhi, India.

219/Del/2000. General Electric Company, U.S.A. "Seal assembly and rotary machine containing such seal". (Convention dates : 8-6-99 & 24-3-99) U.S.A.

10-3-2000

220 Del/2000. Rammehar Singh Sindhu & Tejsingh Sindhu, Haryana, India. "Auto stop pump set engine".

221/Del/2000. Steel Authority of India Limited, New Delhi, India. "Wireless photosensor".

222/Del/2000. The secretary, Department of biotechnology, New Delhi, Indian Institute of Technology, New Delhi & Department of Chemical Technology, Mumbai, India. "A process for producing a support for expanded bed chromatography for protein purifications".

223/Del/2000. Chief Controller Research & Development, New Delhi, India. "A process for the preparation of polyurethane based sealant".

224/Del/2000. Chief Controller, Research & Development, New Delhi, India. "A low vulnerability gun propellant and a process for the preparation thereof".

225/Del/2000. Louis I. Ross, U.S.A. "Hitch assembly and trailer".

226/Del/2000. The Procter & Gamble Company, U.S.A. "An absorbent article".

227/Del/2000. The Procter & Gamble Company, U.S.A. "Thermitase variants with decreased adsorption and increased hydrolysis". (Convention date : 9-3-1996), U.S.A.

228/Del/2000. The Procter & Gamble Company, U.S.A. "A process for preparing thermitase variant". (Convention date : 9-3-1996), U.S.A.

13-3-2000

229/Del/2000. NHT Limited, New Delhi, India. "A new/improved cognitive kiosk for use in rural, outdoor and tropical environment".

230/Del/2000. NHT Limited, New Delhi, India. "Web appliance for remote presence (W.A.R.P.)".

231/Del/2000. NHT Limited, New Delhi, India. "Improved multi-lingual wireless audio transmitter and receiver".

232/Del/2000. NHT Limited, New Delhi, India. "New/improved interactive learning system for electricity concepts".

233/Del/2000. Neowiz Co. Ltd., Korea. "Method for installing and setting up elements automatically for internet communication and automatic internet access, and internet service system using the method". (Convention date : 12-3-99), Korea.

234/Del/2000. Adcock Ingram Limited, South Africa. "A method of separating and purifying mycolic acids".

235/Del/2000. Roussel-ucraf, France. "A process for the preparation of a compound of formula (I)".

15-03-2000

236/Del/2000. Biochem Pharma Inc., Canada. "A process for producing a b-nucleoside". (Convention date : 14-12-95), United Kingdom.

237/Del/2000. Nihon Parkerizing Co. Ltd., Japan "Aqueous surface treating agent for metallic material and surface treated metal plate". (Convention date : 16-3-99), Japan.

238/Del/2000. Milliken & Company, U.S.A. "Method of producing di- or tri-substituted benzaldehydes in high yields". (Convention date : 16-3-99), U.S.A.

239/Del/2000. Whirlpool Corporation, U.S.A. "Wash plate for a clothes washer". (Convention date : 31-3-99), U.S.A.

16-3-2000

- 240/Del/2000. Council of Scientific and Industrial Research, India. "An improved process for the manufacture of polypropylene".
- 241/Del/2000. Council of Scientific and Industrial Research, India. "An improved process for the preparation of fluid catalytic cracking (FCC) catalyst".
- 242/Del/2000. Council of Scientific and Industrial Research, India. "A new process for the preparation of HOLL aviation gasoline".
- 243/Del/2000. Council of Scientific and Industrial Research, India. "A process for the preparation of metal tolerant cracking catalyst".
- 244/Del/2000. Council of Scientific and Industrial Research, India. "A process for the preparation of herbal dry colours using natural dyes and natural ingredients for direct skin applications and other purposes".
- 245/Del/2000. Council of Scientific and Industrial Research, India. "A novel process for the preparation of LPG and transportation fuel from vacuum gas oil".
- 246/Del/2000. Council of Scientific and Industrial Research, India. "A process for making a novel moisture sensor in the ppmv ranges & device for detection of moisture made therefrom".
- 247/Del/2000. Council of Scientific & Industrial Research, India. "A novel oil based liquid nutrient medium".
- 248/Del/2000. Council of Scientific & Industrial Research, India. "An improved process for the preparation of intracellular dehydrogenase".
- 249/Del/2000. Council of Scientific and Industrial Research, India. "A gas flow measurement device for use in ambient gas sampling".
- 250/Del/2000. Council of Scientific and Industrial Research, India. "A process for decontamination of aflatoxin contaminated substrate".
- 251/Del/2000. Council of Scientific and Industrial Research & Department of Biotechnology, India. "New process for preparation of 5'-ribonucleotides and single cell protein as by product".
- 252/Del/2000. Council of Scientific & Industrial Research, India. "A process for preparation of quick cooking germinated & dehydrated pulses".
- 253/Del/2000. Council of Scientific & Industrial Research, India. "A process for a chip type product useful for preparation of crunchy maize snacks".
- 254/Del/2000. Council of Scientific & Industrial Research, India. "An improved mechanical floating aerator for oxygen transfer for biological treatment of wastewater".
- 255/Del/2000. Council of Scientific & Industrial Research, India. "A device for in situ gas liquid separation".
- 256/Del/2000. Council of Scientific & Industrial Research, India. "A process for preparation of a biocatalyst useful for elimination of dichlorodiphenyltrichloro ethane (DDT) residues from industrial effluents, soils and other contaminated sites".
- 257/Del/2000. Council of Scientific & Industrial Research, India. "An enzymatic process for the preparation of polylactic acid".
- 258/Del/2000. Council of Scientific & Industrial Research, India. "A process for the preparation of o-pyridyl thiophosphate insecticides free of 3, 5, 5-trichloro-pyridin-2-OL toxin".
- 259/Del/2000. Council of Scientific and Industrial Research, India. "A process for the preparation of infant food".
- 260/Del/2000. Council of Scientific and Industrial Research, India. "A process of making vitreous coating composition suitable for yellow variety brass substrate".
- 261/Del/2000. Council of Scientific and Industrial Research, India. "An improved process for the preparation of acrylic copolymer powders by suspension polymerisation".
- 262/Del/2000. Council of Scientific & Industrial Research, India. "A process for the preparation of an improved rhodium catalyst".
- 263/Del/2000. Council of Scientific and Industrial Research, India. "An improved process for separation of biomolecules using demixing technique of aqueous phases generated in bioreactors".
- 264/Del/2000. Council of Scientific and Industrial Research, India. "An improved process for preparation of phosphomonoesterase free 5'-phosphodiesterase".
- 265/Del/2000. Council of Scientific and Industrial Research, India. "A process for extraction of a formulation essentially containing low molecular weight, bioactive compounds from yeast".
- 266/Del/2000. Council of Scientific and Industrial Research, India. "An automatic device for detoxification of aflatoxin contaminated edible oils by photolysis".
- 267/Del/2000. Council of Scientific and Industrial Research, India. "An improved culture medium useful for enhanced carotenoid production".
- 268/Del/2000. Council of Scientific and Industrial Research, India. "An improved process for the enzymatic preparation of (-)-cis-lamivudine".
- 269/Del/2000. Council of Scientific and Industrial Research, India. "A protective device for controlling stall and surge in compressors".
- 270/Del/2000. Council of Scientific and Industrial Research, India. "An improved method continuous extraction of coal/ore from coal seam mineral bed in underground mines".
- 271/Del/2000. Council of Scientific and Industrial Research, India. "An improved process for preparation of (s)-x-cyano-3-phenoxybenzyl alcohol".
- 272/Del/2000. Council of Scientific and Industrial Research, India. "A process for improved Biomethanation using fermentative hydrogen producers".
- 273/Del/2000. Council of Scientific and Industrial Research, India. "Process for the manufacture of epoxides of olefinic compounds".
- 274/Del/2000. Council of Scientific and Industrial Research, India. "An improved process for the preparation of high protein nutritious biscuits".
- 275/Del/2000. Council of Scientific and Industrial Research, India. "A process for the bioremediation of hexachlorocyclohexane-contaminated soils".
- 276/Del/2000. Council of Scientific and Industrial Research, India. "An improved auto exhaust emission control catalytic converter".
- 277/Del/2000. Council of Scientific and Industrial Research, India. "An improved process for the production of flyash based sodalite".
- 278/Del/2000. Council of Scientific & Industrial Research & Department of Biotechnology, New Delhi, India. "A process for manufacture of high yielding substrate for cultivation of mushrooms using coir waste".

279/Del/2000. Chief Controller, Research and Development, New Delhi, India. "A process for preparation of a pyrotechnic composition".

280/Del/2000. Chief Controller, Research and Development, New Delhi, India. "A process for preparation of an environmentally safe smoke composition".

281/Del/2000. Chief Controller, Research and Development, New Delhi, India. "A process for preparation of a perforated additive liner for use with combustible cartridge cases for reducing gun wear".

282/Del/2000. Chief Controller, Research and Development, India. "An improved process for preparation of ethylene-diamine-tetra-methylene-phosphonic acid (edtmp)".

283/Del/2000. General Electric Company, U.S.A. "RF slipping receiver for a computerized tomography system". (Convention date : 31-03-99), U.S.A.

284/Del/2000. Dell Products L. P., U.S.A. "Storage domain management system". (Convention dates : 25-03-99, 02-07-99, 02-07-99, 06-12-99, 12-01-2000), U.S.A.

**APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, WIN C (C-4 'A'), III FLOOR, RAJAJI BHAVAN, BESANT NAGAR, CHENNAI - 600 090.**

31st January, 2000

69/Mas/2000. Gannamaneni Banu Prakash Babu, Methods of diaphragm forming of metallic materials and the diaphragm materials employed and the components produced thereof.

70/Mas/2000. Ciba Specialty Chemicals Holding Inc. Stabilized metallocene polyolefins. February 1, 1999; Eudope).

1st February, 2000

71/Mas/2000. Lucent Technologies Inc., Improved reuse of codes and spectrum in a CDMA system with multiple-sector cells. (February 4, 1999; US).

72/Mas/2000. The Associated Ocel Company Limited. A process for the preparation of alkylated amino acids derivative. (November 3, 1993; UK) (Div. to Patent Application No. 1059/Mas/94 dt. 1st November 1994).

73/Mas/2000. Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.) Intermediate fluid type vaporizer, and natural gas supply method using the vaporizer. (April 2, 1999; Japan).

74/Mas/2000 Ciba Specialty Chemicals Holding Inc. Pigment particle growth and/or crystal phase directors. (February 2, 1999; USA).

75/Mas/2000. Lakshmi Card Clothing Manufacturing Company Limited. A metallic card clothing.

2nd February, 2000

76/Mas/2000. TTK Prestige Limited. Soft Seal gasket system for cookware.

77/Mas/2000. Sollac. Machine for removing burrs from slabs. (Div. to Patent Application No. 1003/Mas/94 dt. 18-10-94).

78/Mas/2000. Degussa-Huls Aktiengesellschaft. Surface-modified insulator and method of modifying the surface of an insulator. (February 3, 1999; Germany).

79/Mas/2000 McGraw-Edison Company. Detection of Sub-cycle, self clearing faults (February 12, 1999; US).

80/Mas/2000. Research and Technology Lighting in elevator cars with photoelectric materials. (February 23, 1999; Europe).

81/Mas/2000. Baltimore Apool Company. Closed circuit heat exchange system and method with reduced water consumption. (March 8, 1999; US).

3rd February 2000

82/Mas/2000. K. K. S. K. Builders Private Limited. A process for the manufacture of chrome tanned hide with minimum liquid effluent and toxic solid waste.

83/Mas/2000. Voilkmann GmbH. Device for producing a twisted yarn by an integrated spinning and twisting process as well as fiber feed tube. (February 6, 1999, Europe & February 9, 1999; Germany).

84/Mas/2000. Phenolchemie GmbH & Co. KG. Process for removing organic and/or inorganic acids from organic phases.

85/Mas/2000. Sumitomo Chemical Company Limited. Pesticidal mat for electric fumigator.

86/Mas/2000. Sumitomo Chemical Company Limited. A method for controlling heats by heating fumigation.

87/Mas/2000. Space Systems/Loral, Inc. Active multiple beam antennas. (April 1, 1999, USSN).

88/Mas/2000. The Chemithon Corporation. An improved process for neutralising an organic acid. September 17, 1993, US. (Dis. to Patent Application No. 128/Mas/94 dt. 14th July, 1994)

89/Mas/2000. Dr. Reddy's Research Foundation. Novel compounds having antitumor activity : process for their preparation and pharmaceutical compositions containing them

4th February, 2000

90/Mas/2000. F Hoffmann-la Roche AG. Cosmetic light screening composition. (February 8, 1999; Europe).

91/Mas/2000. Institut Francais Du Pétrole. A homogeneous bed of catalyst particles and a process for transforming hydrocarbons to aromatic compounds. (February 9, 1999; France).

92/Mas/2000. BASF Aktiengesellschaft. Preparation of substituted olefins. (February 22, 1999; Germany).

7th February, 2000

93/Mas/2000. Panduranga Madras Mohan Shantha Kumar. Portable morgues.

94/Mas/2000. Siemens Aktiengesellschaft. Mobile radio communications network and method of configuring a mobile radio network. (March 11, 1999; Great Britain).

95/Mas/2000. Sumitomo Chemical Company, Limited. Process for producing - caprolactam. (February 9, 1999; Japan).

96/Mas/2000. Matsushita Electric Industrial Co., Ltd. Portable phone device. (February 16, 1999; Japan).

97/Mas/2000. Prekash Murthy, Ravi Shankar R & Vinay Hegde. Mobile data communication systems.

8th February, 2000

98/Mas/2000. Thissur Sankaranarayanan Seshadri. Environment friendly toilets waste disposal system for railway coaches.

99/Mas/2000. Yutaka Giken Co., Ltd. Centrifugal hydraulic clutch. (February 10, 1999; Japan).

100/Mas/2000. Grab Hosen AG. Headle with a widened strip with in the area of the end eyes. (March 19, 1999; Germany).

101/Mas/2000. BASF Aktiengesellschaft. Catalyst for the dehydrogenation of ethylbenzene to styrene (February 10, 1999; Germany).

102/Mas/2000. Dover Chemical Corporation. Phosphite stabilizing composition and method. (February 8, 1999; US).

9th February, 2000

103/Mas/2000. Lucent Technologies Inc. System and method for adjusting antenna radiation in a wireless network. (February 12, 1999; US).

104/Mas/2000. Lucent Technologies Inc. Method for allocating downlink electromagnetic power in wireless networks. (February 12, 1999; US).

105/Mas/2000. Sumika Fine Chemicals Co. Ltd. A process for preparing a 2-cyanobiphenyl compound. (January 21, 1997; Japan) (Div. to Pat. Application No. 124/Mas/98 dated 20-01-98).

10th February 2000

106/Mas/2000. Periyasamy Kumar. Automatic electronic controlled headlight and parking light system with auto dipper for automobiles.

107/Mas/2000. Sheila Sriprakash. A device for minimising the shock of collision between a motor vehicle and another object.

108/Mas/2000. Matsushita Electric Industrial Co., Ltd. Oscillator circuit. (March 30, 1999; Japan).

109/Mas/2000. F Hoffmann-la Roche Ag. A process for the preparation of canthaxanthin by culturing under a cell. (December 2, 1996; EPO) (Div. to Patent Application No. 2752/Mas/97 dt. 1st December 1997).

11th February, 2000

110/Mas/2000. Indian Institute of Science. Foldable Bicycle.

111/Mas/2000. Lucent Technologies Inc. Method of making downlink operational measurements in a wireless communication system. (February 16, 1999; US).

14th February, 2000

112/Mas/2000. Dr. Rao, Garrimella Bhaskar. Mr. Ponraj. Angappa Mudaliar, Mr. Rajendran, Thavitturpalayam Krishnan, Mrs. Pavathi, Ponraj, Mrs. Sujatha, Krishnammal. A process for the extraction of dietary fibre, oleoresin and fixed oils from the seeds of fenugreek (*trigonella foenum graecum*).

113/Mas/2000. Premier Polytronics Ltd. A system for use with blister packing machines for the detection of missing, broken and chipped tablets in a blister pack.

15th February, 2000

114/Mas/2000. Lucent Technologies Inc. Method of optical signal transmission with reduced degradation by non-linear effects. (February 19, 1999; US).

115/Mas/2000. Lucent Technologies Inc. Method for combining multiple measurements to determine the position of a mobile transceiver. (February 17, 1999; US).

116/Mas/2000. Lucent Technologies Inc. High-capacity optical fiber network operating in the 1.4  $\mu$ m region. (February 19, 1999; US).

16th February, 2000

117/Mas/2000. DSM Conolymet, Inc. A process for producing an ethylene-propylene polymer blend. (August 2, 1993 USSR) (Div. to Patent Application No. 666/Mas/94 dated 20th July 1994).

118/Mas/2000. DSM Conolymet, Inc. A lubricating oil composition. (August 2, 1993 USSR) (Div. to Patent Application No. 666/Mas/94 dated 20th July 1994).

119/Mas/2000. Oxo Oelchemie GmbH. Process for fractionating dibutene. (February 17, 1999, Germany).

17th February, 2000

120/Mas/2000. Kabushiki Kaisha Kobe Seiko Sho. Rotor for a mixer and mixer having the same. (March 2, 1999; Japan).

121/Mas/2000. Indian Space Research Organisation. A shape memory alloy step drive mechanism.

18th February, 2000

122/Mas/2000. International Advance Research Centre for Powder Metallurgy and New Materials (ARCI). Improved additive composition useful for the preparation of alumina based abrasion resistant material having improved wear properties, and methods for their preparation.

123/Mas/2000. International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI). Improved process for production of aluminium nitride (AlN) powder.

124/Mas/2000. NATCO Pharma Limited. An improved process for the preparation of antihypertensive, betaadrenergic and vasodilating agents.

125/Mas/2000. NATCO Pharma Limited. An improved process for the producing propionic acids.

126/Mas/2000. Director, Centre for Liquid Crystal Research. An improved liquid crystal display device.

127/Mas/2000. Corn Products International Inc. Process for steeping corn and steepwater having a low reducing sugar content made therefrom. (April 12, 1999; US).

128/Mas/2000. F Hoffmann-La Roche Ag.  $\beta$ -Carotene 15, 15'-dioxygenases. (February 22, 1999; Europe).

129/Mas/2000. Tanabe Seiyaku Co. Ltd. A process for preparing a 1, 5-benzothiazepine derivative. (June 11, 1997; Japan) (Div. to Patent Application No. 666/Mas/94 dated 10th June 1998).

Application for Patent filed in the Patent Office Branch, at Todi Estate, IIIrd Floor, Sun-Mill Compound, Lower Parel (West), Mumbai-400 013.

3-1-2000

1/Mum/2000. Harish Pabholkar Joshi. "Twin-Track and/or multiple track-purpose packaging machine(s)".

2/Mum/2000. Shah Robin Hemraj. "Improvements in/or relating to an equipment for treatment of purification of beads by filtration".

3/Mum/2000. Dr. Susha Chhabra Zorankar & Dr. Satish Shikhar Kote. "A method and apparatus for the extraction of oil having antiseptic and larvicidal properties from coconut shells".

4/Mum/2000. Johnson & Johnson Ltd. "A turmeric based bandage and a method of making the same".



5/Mum/2000. Johnson & Johnson Ltd. "A turmeric based bandage and a method of making the same".

6/Mum/2000. Balaram S Yadav. "Yadav Device".

7/Mum/2000. C. B. Patel Research Centre for Chemistry and Biological Sciences. "A composition for curing and/or alleviating inflammation, method of preparing said composition and a method for curing and/or alleviating inflammation using said composition".

8/Mum/2000. Sony Corporation. Priority date 5-1-99 (Japan). "Method of and apparatus for measuring horizontal frequency".

9/Mum/2000. Zeneca Ltd. Priority date 5-1-99 (U.K.). "Chemical compounds".

10/Mum/2000. Bakelite AG. Priority date 25-1-99 (Germany). "Process for making improved surfaces of molded parts made of non-woven fabrics".

4-1-2000

11/Mum/2000. V. Varatharajan. "Hydro shift power project".

12/Mum/2000. Sun Pharmaceutical Industries Ltd. "A process for converging (1R, 4R), (1S, 4R) and (1R, 4S) N-Methyl-4 (3, 4-Dihydro-1 (2H)-Naphthaleneamino) to their corresponding (1S, 4S) stereoisomer".

6-1-2000

13/Mum/2000. Jatrele Szwaram. "Not for 40 + Watt".

14/Mum/2000. Vinod Malshe. "Porous ceramic sintered metal wicks for transport of fuel in ignition devices".

15/Mum/2000. Motodia Pradcep. "Herbal gutka composition".

16/Mum/2000. Parbatbhai Monjibhai Vaghani. "Bestow agricultural automatic spray pump".

17/Mum/2000. Angiogene Pharmaceuticals Ltd. Priority date 7-1-99 (United Kingdom). "Tricyclic vascular damaging agents".

18/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha. Priority date 11-1-99 (Japan). "Valve system for engines".

19/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha. Priority date 11-1-99 (Japan). "Swing-type power unit".

7-1-2000

20/Mum/2000. Dhruv Varma. "Configurable electronic controller for appliances".

21/Mum/2000. Indian Petrochemicals Corporation Ltd. "Process for the preparation of synthetic oil".

22/Mum/2000. Alstom. Priority date 11-1-99 (France). "A method of regulating tension/compression in a multi-frame hot rolling mill and a corresponding control system".

23/Mum/2000. Sony Corporation. Priority date 14-1-99 (Japan). "Video display and manufacture method therefor".

24/Mum/2000. Sulzer Chemtech AG. "Packing with a cross channel structure for a material exchange column with a high specific separation performance".

10-1-2000

25/Mum/2000. Clear Plastics Private Limited. "Plastic linerless closures for carbonated soft drinks".

26/Mum/2000. I-DNS, Corp. International Inc. Priority date 26-2-99 (U.S.A.). "Multi-language domain name services".

2-127 GI/2000

27/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha. Priority date 14-1-99 (Japan). "Swing-type power unit".

28/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha. Priority date 14-1-99 (Japan). "Swing-type power unit".

29/Mum/2000. ABB Alstom Power Combination. Priority date 18-1-99 (France). "An inlet duct for admitting flue gases into a cyclone separator".

30/Mum/2000. Motorola Inc. Priority date 12-1-99 (U.S.A.). "Automatic gain control for a receiver and method therefor".

11-1-2000

31/Mum/2000. Naik Devendra Somabhai. "Universal jet dyeing machine with fabric drive reel/winch".

32/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha. Priority date 14-1-99 (Japan). "Swing-type power unit".

33/Mum/2000. Sony Corporation. Priority date 18-1-99 (Japan). "Connector device and electric device plug using the same".

34/Mum/2000. J. B. Chemicals & Pharmaceuticals Limited. "A pharmaceutical dental formulation for topical application of metronidazole benzoate, chlorhexidine diacetate and local anesthetic".

35/Mum/2000. J. B. Chemicals & Pharmaceuticals Ltd. "A process for the preparation of pharmaceutical dental formulation for topical application of metronidazole benzoate and local anesthetic".

12-1-2000

36/Mum/2000. Sachin Gopinath Kulkarni & Kiran Gopinath Kulkarni. "A dehumidifier for a telephone instrument for reducing moisture inside space of instrument".

37/Mum/2000. Bayer Aktiengesellschaft. Priority date 28-1-99 (Germany). "Process for preparing heterocyclic compounds".

38/Mum/2000. RHPH Company Ltd. Priority date 25-1-99 (Japan). "Culture medium for culturing lactobacillus clearans and method for preserving said strain".

13-1-2000

39/Mum/2000. Mrs. Pratima Shrinivas Deshpande. "A novel device(s)/method(s) to offer protection to the borewells".

40/Mum/2000. Premark RWP Holdings, Inc. Priority date 12-3-99 (U.S.A.). "System and method for two sided sheet treating".

41/Mum/2000. Premark RWP Holdings, Inc. Priority date 12-3-99 (U.S.A.). "System and method for two sided sheet treating".

42/Mum/2000. Mr. Tank Hasmukh K. "Tank's standing broom & mop set".

43/Mum/2000. Cipla Ltd. "Topical medicinal spray compositions and their preparation which compositions can be used to treat a variety of disorders".

44/Mum/2000. Cipla Ltd. "Topical medicinal spray compositions and their preparation which compositions can be used to treat a variety of disorders".

45/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha. Priority date 26-1-99 (Japan). "Initial set load adjustment device for a lift suspension device".

46/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha. Priority date 28-1-99 (Japan). "Scooter type motorcycle".

47/Mum/2000. Sulzer Chemtech AG. "Filter body with a cross channel structure".

## 14-1-2000

- 48/Mum/2000. United Phosphorous Ltd. "An improved process for the preparation of a synergistic insecticidal composition of cypermethrin and quinalphos".
- 49/Mum/2000. Gufic Healthcare Ltd. "A novel herbal based composition".
- 50/Mum/2000. Premark RWP Holdings Inc. Priority date 17-3-99 (U.S.A.). "ABS substrate extrusion process".
- 51/Mum/2000. Premark RWP Holdings Inc. Priority date 17-3-99 (U.S.A.). "ABS Recycling process".
- 52/Mum/2000. Bakelite AG. Priority date 29-1-99 (Germany). "Process for the preparation of resols".

## 17-1-2000

- 53/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha (Priority Date: 29-1-1999). Japan. "Bicycle with internal combustion engine".
- 54/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha (Priority Date: 29-1-1999). Japan. "Bicycle with internal combustion engine".

## 18-1-2000

- 55/Mum/2000. Watve Milind Gaianan, Damle Kalyani Menohar. "A process for manufacturing agarose from Agar-Agar by bacterial fermentation".
- 56/Mum/2000. Bhogate Rajan Pandurang. "3-Dimensional image display screen for television and other devices and method of making the same".

## 19-1-2000

- 57/Mum/2000. Cadila Healthcare Ltd. "Novel compounds having Hynolipidemic, Hypocholesteremic activities: Process for their preparation and pharmaceutical compositions containing them".
- 58/Mum/2000. Emprise Corporation, U.S.A. "Fuel cell gas management system".
- 59/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha (Priority Date: 26-1-1999). Japan. "Engine temperature sensor for Air Cooled Engine".
- 60/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha (Priority Date: 8-2-1999). Japan. "Chain case structure for rear wheel in Motorcycle".

## 20-1-2000

- 61/Mum/2000. Datar Switchgear Limited. "Self protected surgeless capacitor for power-factor-correction".
- 62/Mum/2000. Sun Pharmaceutical Industries Ltd. "A facile method for preparation of 1-(Aminomethyl)-1-Cyclohexanecarboxylic acid".
- 63/Mum/2000. Caronni Giuseppe, Italy. "Manufacturing method for spectacles and Spectacles obtained with such a method".
- 64/Mum/2000. Manoj Kumar Shrivastava. "New convenience, comfort and safety driving system for automobiles on slopes".
- 65/Mum/2000. Rajan Gangadhar Naik. "An improved wind velocity and wind direction measuring device".
- 66/Mum/2000. Rajan Gangadhar Naik. "An improved averaging pitot tube".
- 67/Mum/2000. Rajan Gangadhar Naik. "An improved insertion type magnetic flow meter".

## 21-1-2000

- 68/Mum/2000. Surendra H. Shah. "A novel Electro-Thermal control device".

69/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha. (Priority Date: 15/2/1999) Japan. "Intake structure for small vehicle".

70/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha. (Priority Date: 1-2-1999) Japan. "Front compartment structure for Motorcycles and three wheeled motorized vehicles".

71/Mum/2000. Datar Switchgear Limited. "An improved and integral electromechanical combination of earth leakage circuit breaker (ELCB) and miniature circuit breaker (MCB)".

72/Mum/2000. Datar Switchgear Limited. "An improved and compact miniature circuit breaker (1 + N) MCB with improved Electromechanical design".

73/Mum/2000. Datar Switchgear Limited. "An improved permanent magnet relay (PMR) with enhanced force of tripping".

74/Mum/2000. Datar Switchgear Limited. "An improved combination circuit breaker (EL/MCB) with new features and higher capacity/s".

75/Mum/2000. Hi-Tech Carbon. "A process for the production of carbon black".

## 24-1-2000

76/Mum/2000. Sun Pharmaceutical Industries Ltd. "A simple process for the isolation of 1-C Aminomethyl Cyclohexanecarboxylic acid from aqueous solution".

77/Mum/2000. Rhein Chemie Rheinau GmbH (Priority dated: 19-2-1999) Germany. "Process for the production of Dithiophosphoric acid polysulfide mixtures".

78/Mum/2000. Singh Kanwal Jit. "Improved packaging for Bulk Drugs".

## 25-1-2000

79/Mum/2000. Sulzer Chemtech Ag. "Apparatus for the collection and distribution of liquid in a column".

80/Mum/2000. Bayer Aktiengesellschaft (Priority Date: 26-2-1999) Germany. "Process for preparing 2-Chloro-5-Chloromethylthiazole".

81/Mum/2000. Digamber Ramkrishnan Moholkar Prabhakar Ramkrishnan Moholkar Mukund Digamber Moholkar Makarand Prabhakar Moholkar. "Multi-blade horizontal pulveriser for continuous pulverisation".

## 27-1-2000

82/Mum/2000. Bayer Corporation (Priority Date: 17-2-99) U.S.A. "A novel approach to the conversion of 2-(Methylthio)-5-(Trifluoromethyl)-1, 3, 4-Thiadiazole (TDA) to 2-(Methylsulfonyl)-5-(Trifluoromethyl)-1, 3, 4-Thiadiazole (TDA Sulfone)".

83/Mum/2000. Lupin Laboratories Ltd. "An improved process for manufacture of 4-Bromo-2-Oxyimino butyric acid and its derivatives".

84/Mum/2000. Patel Dinesh Shantilal Kurani Shashikant Prabhudas. "Novel injectable muscle relaxant formulations".

## 28-1-2000

85/Mum/2000. Gururaj Ramacharya Namanna. "Improved system and apparatus for sugar recovery from clarifier settled mud filtrate".

86/Mum/2000. Naik Devendra Somabhai. "Magnetic drive reel/winch in fabric dyeing machine".

31-1-2000

- 87/Mum/2000. Alkem Laboratories Ltd. "An improved process of preparing saccharated iron oxide in power form in aqueous medium suitable to use in tablets as well as for syrup preparation and the product thereof".
- 88/Mum/2000. Alkem Laboratories Ltd. "An improved process of preparing saccharated iron oxide in power form in aqueous medium suitable to use in tablets as well as for syrup preparation".
- 89/Mum/2000. Velho Vittorio J. Pinto Francisco J. De Sa. "Manual and Electronic scale to measure volume of contents in liquor bottles".
- 90/Mum/2000. Piaggio & C. S.p.A. "Lightweight scooter wheel". (Priority Date : 22-11-99), Italy.
- 91/Mum/2000. Bayer Aktiengesellschaft Germany. "Vulcanizable rubber compounds containing styrene-butadiene and butadiene rubbers".
- 92/Mum/2000. Dr. Vinod Malshe. "Scaling resistant immersion heater".
- 93/Mum/2000. Glenmark Pharmaceuticals Limited. "A twin action antipityrosporal shampoo".
- 94/Mum/2000. Department of Atomic Energy. "System for deposition of carbon films and process for deposition of carbon films on a substrate".
- 95/Mum/2000. Endress+Hauser Flowtec Ag. "Volume or mass flowmeter". (Priority Date : 5-2-99) Switzerland.

01-02-2000

- 96/Mum/2000. Phadke Abhay Dattatray Phadke Binata Abhay. "Process for preparing bio-pesticide with UV protectants".
- 97/Mum/2000. Phadke Abhay Dattatray Phadke Binata Abhay. "Process for preparing bio-pesticide for controlling agricultural pests based on Neem seed and Cinnamon bark extracts".
- 98/Mum/2000. Praxair Technology, Inc, U.S.A. "Mixed conducting cubic perovskite for ceramic ion transport membrane".
- 99/Mum/2000. Praxair Technology, Inc, U.S.A. "Multi-phase solid ion and electron conducting membrane with low volume percentage electron conducting phase and methods for fabricating same".
- 100/Mum/2000. Praxair Technology, Inc, U.S.A. "Dissilation system for producing carbon dioxide".
- 101/Mum/2000. Rajendra Rahalkar T. Rajkumar. "Improved model of Injection Moulding machine".
- 102/Mum/2000. Sonia Shrivastava. "Telecontroller Device".
- 103/Mum/2000. Glenmark Pharmaceuticals Limited. "A twin action antipityrosporal shampoo".

02-02-2000

- 104/Mum/2000. Farm-Biotech Private Limited. "A process of preparation of Bio-Fertilizer using Bio-Technology & Microbes".
- 105/Mum/2000. Smita Subba Bangera. "A dispenser for PET bottle containing soft drink".
- 106/Mum/2000. Toyota Jidosha Kabushiki Kaisha (Priority Date : 5-2-99), Japan. "Direct-Fuel-Injection-type Spark-Ignition internal combustion engine".

03-02-2000

- 107/Mum/2000. Desai Dilip Mokshmadan. "Solar concentrator-cum-cooker".

- 108/Mum/2000. AVL List GMBH (Priority Date : 5-2-99), Austria. "Internal combustion engine. Especially a two-stroke engine".

- 109/Mum/2000. AVL List GMBH (Priority Date : 5-2-99), Austria. "Internal combustion engine with a cylinder head".

04-02-2000

- 110/Mum/2000. Daicel Chemical Industries Ltd. Japan. "Highly purified 1, 3-butylene Glycol and a method for the preparation thereof".
- 111/Mum/2000. Zeneca Limited (Priority Date : 6-2-99) and 6-2-99 (U.K.) "Pharmaceutical compositions".
- 112/Mum/2000. Zeneca Limited (Priority Date : 6-2-99 & 8-9-99) United Kingdom. "Use of Cholesterol-lowering agent".
- 113/Mum/2000. Zeneca Limited (Priority Date : 6-2-99, 8-9-99 and 8-9-99) United Kingdom. "Drug combination".
- 114/Mum/2000. Zeneca Limited (Priority Date : 5-2-99), U.K. "Chemical compounds".
- 115/Mum/2000. Splash Manufacturing Corporation (Priority Date : 12-7-99), Philippines. "A skin care composition, particularly liquid skin care composition which provide good skin cell renewal reduction of comedones, improvement of skin colour soothing action, skin smoothening and skin pore refinement".

- 116/Mum/2000. Splash Manufacturing Corporation (Priority Date : 12-7-99) Philippines. "A dermatological composition and more particularly to a skin care composition and having ingredients the combination of phytoplecenin, dipotassium glycyphazinate, glycolic acid and salicylic acid useful as an agent for skin cell renewal, reduction of comedones soothing action, skin smoothening and skin pore refinement".

- 117/Mum/2000. Advent Television Ltd. (Priority Date : 15-2-99), Singapore. "An apparatus for electronic placement and broadcast of an advertisement".

07-02-2000

- 118/Mum/2000. Morgan Construction Company (Priority Date : 26-2-99) U.S.A. "Seal assembly for rolling mill oil film bearing".
- 119/Mum/2000. Bala Subramaniam Balaji & Ramnathan Bala Subramaniam. "Compact bicycle with fully folding frame with tilting holders for telescopic handlebars and with improved drive mechanism".

08-02-2000

- 120/Mum/2000. Thadani Mahesh "A bottle insulator and holder".

09-02-2000

- 121/Mum/2000. Anand Keshav Soman. "Expert system for automated extraction of information from published documents".
- 122/Mum/2000. Mitsui Chemicals Inc. (Priority Date : 10-2-99) Japan. "High-durability flexible polyurethane cold cure molded foam and process for producing the same".
- 123/Mum/2000. Dilip Shrinivas Velaskar. "Transparent multiple sampling luer lock type adapter with flat and hard holder and rubber covered puncture needle to be used with vacuum container and sterilised injection needle for phlebotomy".

10-02-2000

- 124/Mum/2000. Pfizer Products Inc. (Priority Date : 11-2-99), U.S.A. "Heterocaryl-Substituted quinolin-2-one derivatives useful as anticancer agents".

125/Mum/2000. Sony Corporation (Priority Date : 12-2-99), Japan. "Editing apparatus, Editing method, and Recording Medium".

126/Mum/2000. Indian Oil Corporation Ltd. "Lubricant composition for internal combustion engines".

11-02-2000

127/Mum/2000. Vinod Patel. "A pneumatically operated machine for rapid weight checking of the gas cylinders moving on a conveyor line".

14-2-2000

128/Mum/2000. M&S Verpackungssysteme Gesellschaft Mit Beschränkter Haftung. "Apparatus for wrapping a stacked goods unit with a shrink foil wrap". (Priority Date : 19-2-99), Germany.

15-2-2000

129/Mum/2000. L & T John Deere Limited. "Gear baffle/s".

130/Mum/2000. Sudhir Bhalechandra Apte. "A new mechanised automatic cashew-nut-shell-cutter".

131/Mum/2000. Praxair Technology, Inc. U.S.A. "Method and system for insulating polymeric film producing machines".

17-2-2000

132/Mum/2000. Nishinbo Industries Inc. "Non-asbestos friction materials". (Priority Date : 22-2-99), Japan.

133/Mum/2000. Nikul Vinodbhair Patel. "New kind of Air Cooler".

134/Mum/2000. Nikul Vinodbhair Patel. "New kind of Roller Skates".

135/Mum/2000. Girdo Group Limited. "Chemical compounds". (Priority Date : 19-2-99), England.

136/Mum/2000. S. A. Aubrey. "Improvements to flame burners". (Priority Date : 25-2-99), France.

137/Mum/2000. Mobil Oil Corporation. "Liquefied gas storage tank". (Priority Date : 24-2-99), U.S.A.

18-2-2000

138/Mum/2000. Nalco Bore International Corporation. "Filtering unit having separately attachable filter canister, filter cassette and method of filtering". (Priority Date : 22-2-99), U.S.A.

139/Mum/2000. Koshiro Kenji Koshiro Kaisha. "Fuel injection device for motorcycle with backbone frame". (Priority Date : 2-3-99), Japan.

21-2-2000

140/Mum/2000. Praveen Mohan Prakash Chhabra. "Weedicide for decaying grass/straw/grass RU "2000" Di Hydroxy Di Chloro Benzate with Amino Sodium".

141/Mum/2000. Farnsworth Inc. "Monocamine reuptake inhibitors for treatment of CNS Disorders". (Priority Date : 23-2-99), U.S.A.

142/Mum/2000. Emhart Glass S.A. "I. S. Machine". (Priority Date : 23-4-99), Switzerland

143/Mum/2000. Emhart Glass S.A. "I. S. Machine". (Priority Date : 2-3-99), (U.S.A.)

22-2-2000

144/Mum/2000. Pfizer Inc. "2-Aminopyridines containing benzothiazine substituents". (Priority Date : 2-3-99), U.S.A.

145/Mum/2000. Corning Fibers Inc. "Fibers of polyethylene". (Priority Date : 4-3-99), U.S.A.

146/Mum/2000. Emhart Glass S.A. "Vacuum system for an I.S. Machine". (Priority Date : 3-3-99), (U.S.A.).

147/Mum/2000. Emhart Glass S.A. "Pneumatic machine control unit for an I.S. Machine". (Priority Date : 5-3-99), U.S.A.

23-2-2000

148/Mum/2000. Sagar Inflatables Limited. "Portable in man HAPO (High Altitude Pulmonary Oedema) Chamber".

149/Mum/2000. Hindustan Lever Limited. "Improved composition of marine product".

150/Mum/2000. Pfaudler Inc. "High gas dispersion efficiency glass coated impeller". (Priority Date : 9-4-99), U.S.A.

151/Mum/2000. Pfaudler Inc. "High axial flow glass coated impeller". (Priority Date : 24-3-99), U.S.A.

152/Mum/2000. Kabushiki Kaisha Toyoda Jidoshokki Seisakusho. "Piston compressor piston". (Priority Date : 26-2-99), Japan.

153/Mum/2000. Tata Johnson Controls Automotive Limited. "Front seat rear panel for automotive vehicle".

24-2-2000

154/Mum/2000. Milliken & Company. "Injector/valve combination designed to improve color dosing response time". (Priority Date : 26-2-99), U.S.A.

155/Mum/2000. Godrej Sara Lee Ltd. "Insect Repellent".

156/Mum/2000. Praxair Technology, Inc U.S.A. "Use of cryogenic rectification for the production of ammonia".

25-2-2000

157/Mum/2000. Ashok Dattatraya Atri. "Highly efficient instant steaming once-through coil type boiler having higher thermal efficiency".

158/Mum/2000. Ashok Dattatraya Atri. "Fully automatic, adjustable forward blow-down system-cum-in-situ descaling facility for once through coil type boiler".

159/Mum/2000. C. K. Electronics SDN. BHD. "Apparatus and method for advance electric utility meter". (Priority Date : 25-2-99), Malaysia.

160/Mum/2000. Cubic Co. Ltd. "Steering wheel and method for manufacturing same". (Priority date : 19-4-99, 9-8-99), Japan.

161/Mum/2000. VOID. VOID.

28-2-2000

162/Mum/2000. Shah Nilesh Chandrakant. "An improved conversion kit for two stroke I. C. engines running on liquid or gaseous fuels and an I. C. engine/vehicle comprising the same for liquid withdrawal".

163/Mum/2000. Shah Nilesh Chandrakant. "An improved conversion kit for two stroke I. C. Engines, vehicle running on liquid or gaseous fuel and I.C engine comprising the same for vapor withdrawal".

164/Mum/2000. Nikul Vinodbhair Patel. "Reverse brake in vehicles".

165/Mum/2000. Pfizer Products Inc. "Oxamic acids and derivatives as thyroid receptor ligands". (Priority date : 1-3-99), U.S.A.

166/Mum/2000. Pfizer Inc. "1, 2, 3, 4-Tetrahydro-1-Naphthalenamine compounds useful in therapy". (Priority Date : 1-3-99 & 9-9-99), U.S.A.

167/Mum/2000. Corning Fibers Machinery Pvt. Ltd. "An improved energy efficient mould clamping device for injection moulding machine".

168/Mum/2000. Venus Baburao Wani. "Universal rotary vice".

29-2-2000

169/Mum/2000. Nihon Parkerizing Co. Ltd. (Priority Date : 2-3-99). Japan. "Zinc phosphate treatment liquid and zinc phosphate treatment method".

170/Mum/2000. Ranjan Jitendra Shah. "An improved PVC shoes sole".

171/Mum/2000. Indian Oil Corporation Ltd. "A process for preparing a corrosion inhibitor metal passivator additive for lubricant, grease and fuel applications from waste refinery streams".

01-03-2000

172/Mum/2000. Montres Rolex S.A. Switzerland. "Device for the leakproof fastening of a watch glass to a watch case".

173/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha "Stratified combustion type internal combustion engine". (Priority date : 24-3-99), Japan.

174/Mum/2000. Sony Corporation. "Font controlling method and apparatus". (Priority Date : 3-3-99), Japan.

175/Mum/2000. Thermax Limited. "An improved process for the Bio-Degradation of effluent material and an improved reactor therefor".

176/Mum/2000. Vivek Kaushik. "An instant open treazer".

177/Mum/2000. Soundcraft Industries Ltd. "Design of fool proof Anti-Hijack Plane"

02-03-2000

178/Mum/2000. Ajanta Pharma Limited. "Naturally sweetened oral rehydration salts".

179/Mum/2000. Marico Industries Limited. "A closure for a container".

180/Mum/2000. Alex Gyogyszer Kutatasi. "An invention for the process of manufacturing derivatives of 1, 1-dioxyopenicillanic acid".

181/Mum/2000 Honda Giken Kogyo Kabushiki Kaisha "Fuel injection control device for single-cylinder engine". (Priority Date : 15-3-99), Japan.

182/Mum/2000. Rupabhai Amrabhai Zanjrukiya. "Aut-power clutch for motor vehicles apparatus".

183/Mum/2000. Dr. Fazal Raheman. "Novel method & system of computer prog. & software interface enabling ISP sponsored access to WWW" method & system of creating floating windows.

03-03-2000

184/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha. "Speed change pedal mounting structure for scooter-type vehicle". (Priority Date : 3-3-99), Japan.

185/Mum/2000. BP Chemicals Limited. "Oxidation catalyst and process utilising the catalyst". (Priority Date : 1-4-99), U.K.

National Phase Application For Patent Under PCT (Chapter-1) Filed From 1/3/2000 to 31-3-2000

National Phase Application No. : IN/PCT/2000/00019.

Date of Receipt : 02 March 2000.

PCT Application No. : PCT/EP99/05872.

PCT Filing Date : 08 December 1999.

Applicant & Inventor : DORMA GMBH+CO. KG.

Title : REVOLVING DOOR.

Priority No. : 19836391.5.

Priority Date : 08 December 1998.

National Phase Application No. : IN/PCT/2000/00020.

Date of Receipt : 06 March 2000.

PCT Application No. : PCT/JP99/03872.

PCT Filing Date : 19 July 2000.

Applicant & Inventor : KANEKA CORPORATION.

Title : METHOD FOR CRYSTALLIZING MALIEC ACID SALT OF N-(1(S)-ETHOXYCARBONYL-3-PHENYLPROPYL)-L-ALANYL-L-PROLINE MALEATE SALT.

Priority No. : 10-205236.

Priority Date : 21 July 1998.

National Phase Application No. : IN/PCT/2000/00021

Date of Receipt : 14 March 2000.

PCT Application No. : PCT/GB99/02403.

PCT Filing Date : 23 July 1999.

Applicant & Inventor : HUNTLEIGH TECHNOLOGY PLC.

Title : IDENTIFICATION AND COMMUNICATION SYSTEM FOR INFLATABLE DEVICE.

Priority No. : GB 9816173.0.

Priority Date : 25 July 1998.

National Phase Application No. : IN/PCT/2000/00022

Date of Receipt : 14 March 2000.

PCT Application No. : PCT/GB99/02502.

PCT Filing Date : 29 July 1999.

Applicant & Inventor : HUNTLEIGH TECHNOLOGY PLC.

Title : PRESSURE CONTROL PAD.

Priority No. : 9816473.4.

Priority Date : 30 July 1998.

National Phase Application No. : IN/PCT/2000/00023

Date of Receipt : 16 March 2000.

PCT Application No. : PCT/EP99/06250.

PCT Filing Date : 26 August 1999.

Applicant & Inventor : DORMA GMBH+CO. KG.

Title : DOORLOCK FOR AN ALL-GLASS DOOR WITH FIXED GLASS SIDE PANEL.

Priority No. : 19838623.0

Priority Date : 26 August 1998.

National Phase Application No. : IN/PCT/2000/00024

Date of Receipt : 23 March 2000.

PCT Application No. : PCT/EP99/05388.

PCT Filing Date : 27 July 1999.

Applicant(s) & Inventor(s) : DORMA GMBH+Co. KG.

Title : DOOR TERMINAL WITH AN EMERGENCY DOOR OPENING BUTTON AND A DISPLAY MODULE.

Priority No. : 19834013.3.

Priority Date : 28 July 1998.

National Phase Application No. : IN/PCT/2000/00025

Date of Receipt : 27 March 2000.

PCT Application No. : PCT/US99/17016.

PCT Filing Date : 28 July 1999.

Applicant(s) & Inventor(s) : SPODEK JOSHUA D and GROSS MATHEW H.

Title : APPARATUS FOR DISPLAYING IMAGES TO VIEWERS IN MOTION.

Priority No. : 60/094,484.

Priority Date : 29 July 1998.

National Phase Application No. : IN/PCT/2000/00026

Date of Receipt : 28 March 2000.

PCT Application No. : PCT/US99/18026.

PCT Filing Date : 09 August 1999.

Applicant(s) & Inventor(s) : GENERAL ELECTRIC COMPANY.

Title : METHOD AND FIXTURE FOR EVALUATING STATOR CORE QUALITY IN PRODUCTION.

Priority No. : 09/133,357.

Priority Date : 13 August 1998.

National Phase Application No. : IN/PCT/2000/00027

Date of Receipt : 30 March 2000.

PCT Application No. : PCT/EP99/0554.

PCT Filing Date : 02 August 1999.

Applicant(s) & Inventor(s) : SICCE S. P. A. AND TA/TSRL.

Title : METHOD FOR THE STARTING AND STEADY-STATE SUPPLY OF A PERMANENT-MAGNET SYNCHRONOUS MOTOR PARTICULARLY FOR DRIVING A HYDRAULIC PUMP.

Priority No. : MI98A001876.

Priority Date : 07 August 1998.

National Phase Application Filed in The Patent Office Branch, Delhi For Patent Under PCT (Chapter-1) From 1/3/2000 to 31/3/2000.

National Phase Application No. : IN/PCT/2000/00016/DEL/dated 3-3-2000.

Corresponding PCT Application No. : PCT/DB99/02264 dated 14-7-99.

Priority document No. : 9815291-1, U. K.

Priority document date : 14-7-98.

Name of Applicant : Nycomed Imaging As.

Title of Invention : "Package".

National Phase Application No. : IN/PCT/2000/00017/DEL dated 8-3-2000.

Corresponding PCT Application No. : PCT/US99/16679 dated 22-7-99.

Priority document No. : 60/094,094 and 09/354,274, US.

Priority document date : 22-7-98.

Name of Applicant : General Electric Co.

Title of Invention : "Nozzles for water Injection In a turbine Engine".

National Phase Application No. : IN/PCT/2000/00018/DEL dated 8-3-2000.

Corresponding PCT Application No. : PCT/US99/11445 dated 24-5-99.

Priority document No. : 09/120,358, U.S.

Priority document date : 22-7-98.

Name of Applicant : General Electric Co.

Title of Invention : "Vectoring Nozzle calibration.

National Phase Application No. : IN/PCT/2000/00019/DEL dated 8-3-2000.

Corresponding PCT Application No. : PCT/US99/10560 dated 16-5-99.

Priority document No. : 09/120,354, U.S.

Priority document date : 22-7-98.

Name of Applicant : General Electric Co.

Title of Invention : "Vectoring Nozzle control system".

National Phase Application No. : IN/PCT/2000/00020/DEL dated 16-3-2000.

Corresponding PCT Application No. PCT/AU98/07053 dated 21-12-98.

Priority document No. : PP1119, AU.

Priority document date : 24-12-97.

Name of Applicant : The University of Southern Queensland, and other.

Title of Invention : "Separation using air flows of different velocities".

National Phase Application No. : IN/PCT/2000/00021/DEL dated 22-3-2000.

Corresponding PCT Application No. : PCT/US99/17695 dated 5-8-99.

Priority document No. : 09/133,159, U. S.

Priority document date : 12-8-98.

Name of Applicant : General Electric Company.

Title of Invention : "Current limiting Device Having a Wev Structure".

National Phase Application No. : IN/PCT/2000/00022/DEL dated 22-3-2000.

Corresponding PCT Application No. : PCT/US99/16586 dated 22-7-99.

Priority document No. : 60/094,094 and 09/3452,75, U. S.

Priority document date : 24-7-98 and 15-7-2000 respectively.

Name of Applicant General Electric Company.

Title of Invention : "Method and apparatus for water injection in a turbine engine".

Applicant : MEMMINGER-IRO GMBH OF JAKOB-  
MUTZ-STRASSE 7, D-72280 DORNSTETTEN, GER-  
MANY.

**Inventors :**

1. RICHARD KAUFMANN
2. GUNTER LEOPOLD
3. CHRISTOPH WORNER

Application No. : 733/Cal/95 filed on 28-06-1995.

Convention No. 195 16 719.8 filed on 6-5-1995 in Germany.

Appropriate Office for Opposition Proceedings Rule 4. (Patents Rules, 1972), Patent Office, Calcutta.

**31 Claims**

A yarn feeder device for supplying or feeding yarns, especially elastomer yarns comprising :

a housing (3), which with a wall encloses an internal chamber and which is subdivided into housing parts (10, 11) along a dividing line (8),

at least one first bearing roller (13, 13'), which is held stationary and is supported on the housing (3) so as to be pivotable about a first pivot axis (12),

at least one second bearing roller (14, 14'), which is held spaced apart from and parallel to the first bearing roller (13, 13') and is supported on the housing (3) so as to be rotatable about a second pivot axis (12'),

recesses (36), provided in the wall of at least one housing part (10, 11) through which the bearing rollers (13, 13'; 14, 14') extend and into which the bearing rollers (13, 13'; 14, 14') extend from the dividing line (8) crosswise to the respective pivot axis (12, 12'),

a drive mechanism (25, 27) for rotatably driving at least one of the bearing rollers (13, 13'; 14, 14'),

a securing means having screw or detent connectoins for joining the housing parts (10, 11) to one another, and

a securing device (6) for retaining the housing (3) on a machine frame.

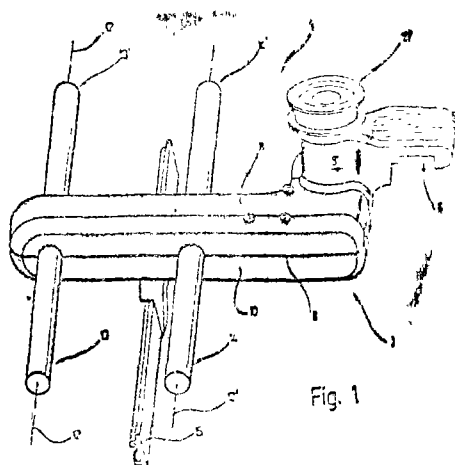


Fig. 1

(Compl. Specn. : 27 pages; Drgns. : 9 sheets)

Int. Cl.<sup>4</sup> : D 01 H 11/00, 15/013.

184153

Ind. Cl. : 172 D<sup>2</sup>/172 D<sub>1</sub> (XX).

**A DEVICE FOR REMOVING UNDERWINDING AT UNDERWINDING SURFACES OF ROTATING SPINDLES IN RING SPINNING OR RING TWISTING MACHINE.**

Applicant : SPINDELFABRIK SUSSEN, SCHURR, STAPLECKER & GRILL GMBH OF DAMMSTRASSE 1, 73079 SUSSEN, GERMANY.

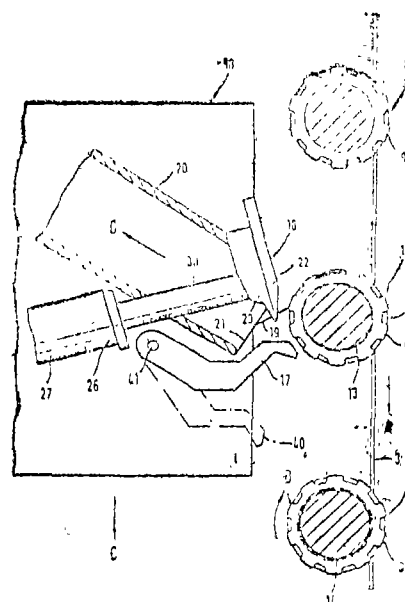
Inventor : HANS BRAXMEIER.

Application No. : 775/Cal/95 filed on 7-7-1995.

Appropriate Office for Opposition Proceedings (Rule 4. Patents Rules, 1972), Patent Office, Calcutta.

**5 Claims**

A device for removing underwindings at underwinding surfaces of rotating spindles in ring spinning or ring twisting machines comprising a separator for cutting the yarn line between the underwinding and a cop affixed to the spindle, also comprising a yarn trimmer which, at a radial distance to the underwinding seizes and trims the yarn end created by the separation of the yarn, which yarn end is attached to the underwinding and as a result of the rotating spindle the yarn end is whipped against the cutting head and is seized easily, characterized in that the yarn trimmer is provided in the form of a cutting head (18), which comprises two blades (22, 23) movable in relation to one another and pressed together free from play, each blade containing a plurality of cutting teeth (24, 25).



(Compl. Specn. : 13 pages;

Drgns. : 4 sheets)

Int. Cl.<sup>4</sup> : C 09B-67/00, C07 C-45/66, 65/38, C09 K-15/06, G03 G-9/00.

184154

Ind. Cl. : 148 D, 148 F.

**A METHOD OF PREPARING LIGHT STABILIZING COMPOUND.**

Applicant : KIMBERLY-CLARK CORPORATION OF 401 NORTH LAKE STREET, NEEBAH, WISCONSIN 54956 IN U.S.A.

Inventors :

1. RONALD SINCLAIR NOHR
2. JOHN GAVIN MACDONALD

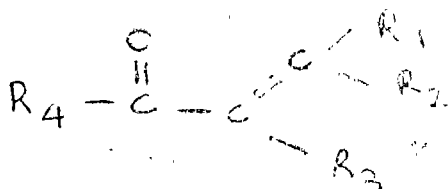
Application No. : 891/Cal/95 filed on 01-08-1995 in U.S.A.

Appropriate Office for Opposition Proceedings Rule 4. (Patents Rules, 1972), Patent Office, Calcutta.



### 13 Claims

A method of preparing a light stabilizing compound represented by the formula

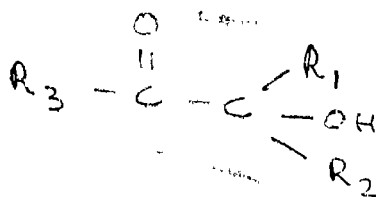


R<sub>1</sub> is a hydrogen, a alkyl alkenyl, cycloalkyl, heterocycloalkyl, aryl or a heteroaryl group;

R<sub>2</sub> is a hydrogen, alkyl, alkenyl, cycloalkyl, heterocycloalkyl, aryl or a heteroaryl group;

R<sub>3</sub> is a hydrogen, alkyl, alkenyl, cycloalkyl, heterocycloalkyl, aryl or a heteroaryl group; and

R<sub>1</sub> is an aryl, heteroaryl, or substituted aryl group, which method comprises reacting the tertiary alcohol compound in a non-aqueous non-polar solvent as herein described in the presence of an effective amount of a transition metal salt as herein described such that the tertiary alcohol compound is dehydrated, wherein the tertiary alcohol compound is represented by the formula



wherein

R<sub>1</sub> is a hydrogen, alkyl, alkenyl, cycloalkyl, heterocycloalkyl, aryl or a heteroaryl group;

R<sub>2</sub> is a hydrogen, alkyl, alkenyl, cycloalkyl, heterocycloalkyl or a heteroaryl group;

$R_2$  is an aryl, or substituted aryl group.

(Compl. Specn. : 94 pages;

Drgns. : 4 sheets)

Int.. Cl.<sup>4</sup> : F 24 C 7/08, H 05 B 6/68.

184155

Ind. Cl. : 206E and 49F.

# A MICROWAVE OVEN WITH A POWER SWITCH- ING CONTROL.

Applicant : LG ELECTRONICS INC. OF 20, YOIDO-DONG, YONGDINGPO-KU, SEOUL, KOREA.

Inventor : BAE-ZIN KIM.

Application No. : 1022/Cal/95 filed on 28-08-1995.

Appropriate Office for Opposition Proceedings Rule 4.  
(Patents Rules, 1972), Patent Office, Calcutta.

### 3 Claims

A microwave oven with a power switching control circuit, comprising :

heating means for generating heat energy;

power switching means for controlling electric power supplied to said heating means;

switch module means having a plurality of switches for selecting a desired function and for outputting a key input signal ;

microcomputer means for outputting scanning signals at predetermined time differences to said switch module means and for outputting predetermined control signals in accordance with the key input signal scanned from the switch module means; and

control means for controlling said power switching means in accordance with the control signals outputted from said microcomputer and the key input signal outputted from the switch module means, said control means comprising:

a capacitor for carrying a charge in accordance with the key input signal outputted from the switch module means;

a first transistor for switching a supply voltage in accordance with the charge of said capacitor which charge is coupled to a base and an emitter of said first transistor;

a second transistor, which is turned on by an output signal from said first transistor being coupled to a base of said second transistor, for transferring a latch signal applied to an emitter of said second transistor from said microcomputer means to the capacitor through a collector of said second transistor; and

a third transistor having an emitter coupled with the base of the second transistor and the collector of the first transistor, and operated by a power control signal from the microcomputer means applied to a base of said third transistor for controlling the operation of the power switching means by switching the supply voltage turned on by the first transistor, said latch signal maintaining a predetermined state after the key input signal of said switch module means which is selected and applied to the second transistor is detected, while having the same level as a scanning signal outputted from a switch of said switch module means which is selected by an operation mode corresponding to scanning signals outputted from the switch module means, and the power control signal being changed from a first state into a second state after said latch signal becomes a predetermined state and a second predetermined time is lapsed while maintaining the first state.

(Compl Specn. : 18 pages;

Drgns. : 2 sheets)

Int. Cl.<sup>4</sup> : H 04 N 11/00, 17/00, H 03 M 13/00. 184156

Ind. Cl. : 206E.

# AN IMAGE SIGNAL DECODING SYSTEM.

Applicant : DAWOO ELECTRONICS CO., LTD., OF  
541, 5-GA. NAMADAEMOON-RO, JUNG-GU, SEOUL,  
KOREA.

Inventor : SANG-HO KIM.

Application No. : 1142/Cal/95 filed on 21-09-1995.

Appropriate Office for Opposition Proceedings Rule 4.  
(Patents Rules, 1972). Patent Office, Calcutta.

## 1 Claims

An image signal decoding system, for post-processing decoded image data of a current frame on a pixel-by-pixel basis, wherein the decoded image data is provided on a block-by-block basis from an image signal decoder (20) incorporated in the image signal decoding system, wherein the said image signal decoder (20) comprises a variable length decoder (VLD) 22, a run-length decoder (RLD) 24, an inverse zigzag scanner (26), an inverse quantizer (IQ) 28, an inverse transformer (IT) 30, an adder (32), a first frame memory (34), and a motion compensator (36), characterised in that a post-processing unit (200) comprises:

a second frame memory (210) for storing the decoded image data of the current frame;

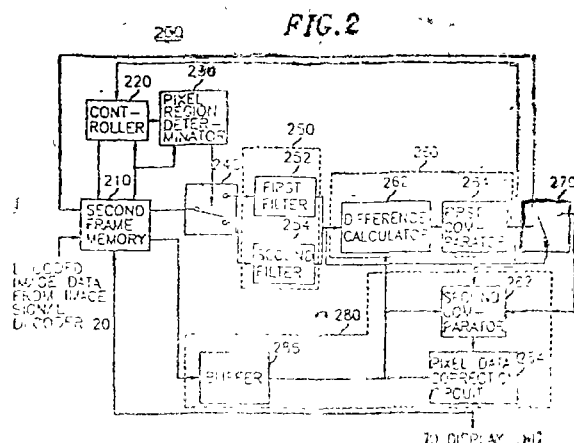
a controller (220) for assigning each pixel value included in the stored decoded image data as a target pixel value in sequence, said target pixel value representing the value of a target pixel to be filtered, and producing position information representing the position of the target pixel;

a pixel region determinator (230) for generating a selection signal indicating whether or not the target pixel belongs to a boundary region of a block of the stored decoded image data by using the position information of the target pixel, wherein the boundary region denotes a region which includes pixels placed along the boundary of the block;

a filtering unit (250) for selectively filtering the target pixel value in response to the selection signal to thereby produce a filtered target pixel value;

a pixel data evaluation unit (260) for the calculating an absolute difference value between an original target pixel value and the filtered target pixel value, the original target pixel value representing a non-filtered target pixel value included in the decoded image data; and

a pixel data correction unit (280) for updating the stored target pixel value with the filtered target pixel value if the absolute difference value is smaller than a predetermined threshold value and updating the stored target pixel value with a compensated target pixel value if the absolute difference value is equal to or larger than the predetermined threshold value, wherein the compensated target pixel value is provided by adding up the original target pixel value and the predetermined threshold value, if the original target pixel value is smaller than the filtered target pixel value and by subtracting the predetermined threshold value from the original target pixel value if the original target pixel value is greater than the filtered target pixel value.



(Compl. Specn. : 20 pages;

Drgns. : 3 sheets)

Int. Cl.<sup>1</sup> : H 04 N—5/232

184157

Ind. Cl. : 194 C

#### APPARATUS FOR PROCESSING VIDEO SIGNALS

Applicant : INTEL CORPORATION OF 2260 MISSION COLLEGE BOULEVARD, P.O. BOX 58119, SANTA CLARA, CALIFORNIA 95052-8119, UNITED STATES OF AMERICA

Inventor : ERIC CABOT HANNAH.

Application No. : 1191/Cal/95 filed on 04-10-1995.

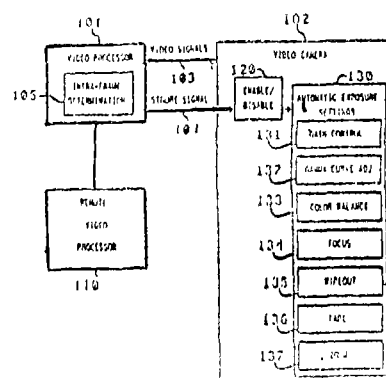
Appropriate Office for Opposition Proceedings Rule 4, (Patents Rules, 1972), Patent Office, Calcutta.

#### 07-Claims

Apparatus (100) for processing video signals comprising :

a video processor (101), and a video camera (102) interfaced with said video processor by a video signal line (103) and a strobe signal line (104) for supplying video frames to said video processor,

said video camera (102) being provided with automatic exposure setting means (130) having automatic gain control means (131) for automatically updating, upon receipt of a strobe signal through said strobe signal line (104), a gain parameter before transmitting a next video frame to said video processor (101); and said video processor (101) transmitting said strobe signal to the video camera (102) to cause said automatic exposure setting means to update the gain parameter only if the next video frame will be intra-frame encoded.



(Compl. Specn. : 19 pages;

Drgns. : 02 sheets)

Int. Cl.<sup>4</sup> : A 61 M 1/36

184158

Ind. Cl. : 128 G

#### "SYNTHETIC VASCULAR PROSTHESIS".

Applicant : MIOKO NUNOKAWA OF 35-5-203, TOMI-GAYA 1-CHOME, SHIBUYA-KU, TOKYO, JAPAN.

Inventor : MIOKO NUNOKAWA.

Application No. : 1311/Cal/95 filed on 26-10-1995.

Appropriate Office for Opposition Proceedings Rule (Patents Rules, 1972), Patent Office, Calcutta.

#### 03 Claims

A synthetic vascular prosthesis comprising :

a first synthetic vascular tube member defining an inner path for blood flow; and

a second synthetic tube member defining an inner path for blood flow, said second tube member being constructed separately from said first tube member,

a circumference of one end of said second tube member being connected with a circumference of an opening formed on an outer surface of said first tube member,

said circumference of said one end of said second tube member consisting of a side edge formed in a direction substantially perpendicular to an axis of said second tube member and a cut-out edge extending from said side edge in a direction inclined to both the axis of said second tube member and said side edge,

said circumference of said opening of said first tube member having substantially identical shape to said circumference of said one end of said second tube member.

(Compl. Specn. : 14 pages;

Drgns. : 4 sheets)

Int. Cl.<sup>4</sup> : C 02F-3/34, 1/58, A 23D-5/00,

184159

07 Claims

A23 C-9/12, 7/04

Ind. Cl. : 77D, 201D

"A METHOD FOR PREPARING A PURIFIED PRODUCT OF OIL, WATER AND MILK CONTAMINATED WITH -HEXACHLOROCYCLOHEXANE".

Applicant : PROF. PRASANTA KUMAR RAY, DR. DEBA PRASAD MODAK, DR. JHARNA DATTA, MR. AMIYA KRISHNA MAITI, PROF. PRANTOSH BHATTACHARYA AND PROF. PRAN KRISHNA CHAKRABARTTY, OF BOSE INSTITUTE, P-1/12 C.I.T. SCHEME VII-M, CALCUTTA-700 054, WEST BENGAL, INDIA.

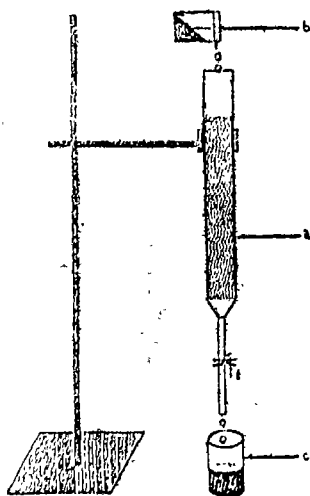
Inventor : PROF. PRASANTA KUMAR RAY, DR. DEBA PRASAD MODAK, DR. JHARNA DATTA, MR. AMIYA KRISHNA MAITI, PROF. PRANTOSH BHATTACHARYA AND PROF. PRAN KRISHNA CHAKRABARTTY.

Application No. : 610/Cal/98 filed on 13-04-1998.

Appropriate Office for Opposition Proceedings Rule 4, (Patents Rules, 1972), Patent Office, Calcutta.

## 05 Claims

A method of preparing a purified product of oil, milk and water comprising the steps of (a) immobilization of HCH degrading bacterial strains BI-102 as herein described (b) column preparation of these immobilized bacteria (c) passage of oil, water or milk through said column of purification.



(Compl. Specn. : 05 pages;

Drgns. : 02 sheets)

Int. Cl.<sup>4</sup> : F 22B 37/10, F 02 C 6/00, 6/18

184160

Ind. Cl. : 176I

"A LOW NO<sub>x</sub> INTEGRATED BOILER-BURNER COGENERATION APPARATUS".

Applicant : THE BABCOCK & WILCOX COMPANY OF 1010 COMMON STREET, P. O. BOX 60035, NEW ORLEANS, LOUISIANA 70160, UNITED STATES OF AMERICA.

Inventor : RICHARD C VETTERICK.

Application No. : 114/Cal/99 filed on 15-2-99.

Divided out of No. 1069/Cal/99 on 21-12-94.

Appropriate Office for Opposition Proceedings Rule 4, (Patent Rule 1972) Patent Office Calcutta.

A low NO<sub>x</sub> integrated boiler-burner cogeneration apparatus, comprising :

a horizontally fired package boiler (20) having an inlet plenum (14) and a furnace space (18);

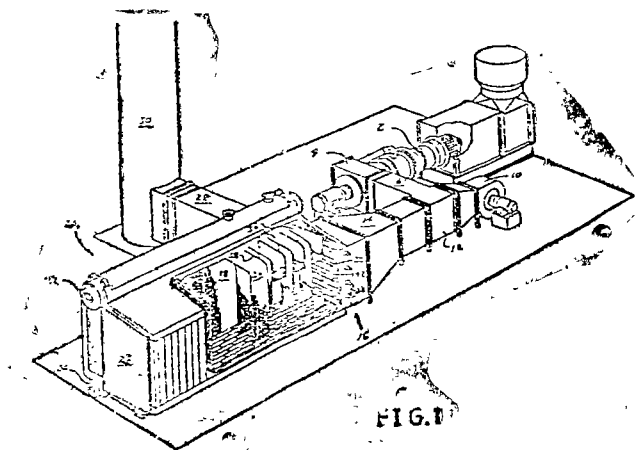
a gas turbinegenerator (2) having an outlet for providing turbine exhaust gas to the furnace space (18);

a multi-nozzle burner (MNB) array (16) comprising a plurality of vertically and horizontally spaced burner nozzles (32) located at an entrance to the furnace space (18) for supplying fuel for combustion into the furnace space (18);

at least one internal duct assembly (40) positioned in the furnace space (18) and provided with a plurality of apparatus (48) for discharging staging gases into the furnace space (18) beyond the MNB array (16);

forced draft fan means (10) for providing combustion air to the furnace space (18); and

fuel supply means (34) for supplying fuel to the MNB array (16).



(Compl. Specn. : 26 pages;

Drgns. : 08 sheets)

Ind. Cl. : 25 B.

184161

Int. Cl.<sup>4</sup> : E 04 G 21/16.

BRICK MOULDING MACHINE FOR MOVLOING OF GREEN BRICKS.

Applicant : HARJINDER SINGH CHEEMA OF ENGINEERING SERVICES FIRST FLOOR, HIMALAYAN PACKAGING INDUSTRIES, BAZPUR-262401, NAINITAL, U.P.

Inventor : HARJINDER SINGH CHEEMA—INDIAN.

Application for Patent No. : 387/Del/91 filed on 01st May, 1991

Appropriate Office for Opposition Proceedings Rule 4, (Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

## 5 Claims

A brick moulding machine for moulding of green bricks comprising :

(a) a main frame for supporting;

(b) a rotatable shaft thereon;

(c) drive means coupled to said rotatable shaft;

(d) a plurality of arms secured to said rotatable shaft being provided for supporting respective moulds secured therewith;

- (e) each of said moulds having a movable bottom plate and a top plate having vertical movement being provided to allow introduction of the mud into the moulds, compaction of the mud and finally discharge of the moulded bricks from the moulds;
- (f) said bottom plate being secured to the top end of a plunger, a cam follower being secured to the opposite end of said plunger, a cam mounted on a bracket of said frame and co-acting with said cam follower so as to impart a vertical movement to said bottom plate, (g) said top plate being secured to the lower end of a plunger having a cam follower provided at the opposite end thereof, a cam secured to a fixed top plate of the frame, being provided to co-act with said cam follower so as to allow a movement of the top plate along the vertical axis.

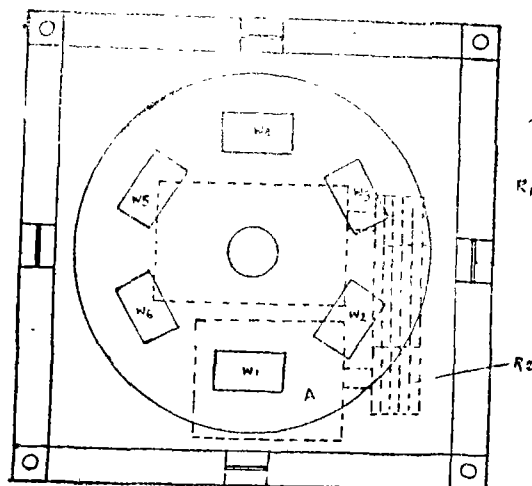


Fig. 1

(Compl. Specn : 9 pages;

Drgns. : 2 sheets)

Ind. Cl. : 130 I.

184162

Int. Cl.<sup>4</sup> : C 22 B 23/04.

AN IMPROVED PROCESS FOR INCREASED COBALT RECOVERY FROM ROAST REDUCED SEA NODULES USING TWO STAGE AMMONIACAL LEACHING.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-110001, INDIA

Inventor(s) :

1. RANAJIT KUMAR JANA, INDIA
2. BANSHIDHAR PANDEY, INDIA
3. PREM CHAND, INDIA

Application for Patent No. : 753/Del/91 filed on 14th August, 1991.

Appropriate Office for Opposition Proceedings Rule 4, (Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

9 Claims

An improved process for increased recovery of cobalt from roast reduced sea nodules using two stage ammoniacal leaching which comprises; (i) grinding the roasted pellets of the sea nodules with dilute ammoniacal solution (wash solution), to make slurry, (ii) conditioning the said slurry in strong ammoniacal solution containing 140 to 240 g/l  $\text{NH}_3$  and 70 to 120 g/ $\text{CO}_2$  at room temperature and atmospheric pressure, (iii) leaching the said conditioned slurry

in ammoniacal solution (stage-I) in presence of air, where in  $\text{NH}_3$  and  $\text{CO}_2$  levels are in the range of 80—120 and 45 to 70 g/l respectively, (iv) separating solid-liquid of the leached slurry by known methods, (v) using a part of the filtrate for metal recovery (Cu, Ni and Co) by known method and other part for recycling to 1st stage step (ii), (vi) leaching (stage-II) the leached residue from stage-I in ammoniacal solution in presence of air, having same concentration as in step (III), (vii) separating by known method solid-liquid of the slurry, (viii) recovering Cu, Ni and Co from the filtrate by known methods and recycling of a part of the leach liquor to step (III) and remaining part to step (VI), (ix) washing of the leached residue of stage-II with dilute ammoniacal solution, (x) separating solid-liquid by known method, (xi) dumping the residue containing impurities such as Mn and Fe and using filtrate for recovering of Co, Ni and Cu by known methods and partly recycling as was solution to grinding step (I) and leaching step (VI).

(Compl. Specn. 17 pages;

Drgns. : nil sheet)

Ind. Cl. : 107 G

184163

Int. Cl.<sup>4</sup> : F 02 B 43/00

AN ACCESSORY OF INTERNAL COMBUSTION (IC) PETROL ENGINES FOR RUNNING THE SAME WITH LIQUID PETROLEUM GAS (LPG) AS FUEL.

Applicant : GEEP INDUSTRIAL SYNDICATE LIMITED, AN INDIAN COMPANY OF 28, SOUTH ROAD, ALLAHABAD-211 001, UP INDIA.

Inventors : R U KHAN (INDIA) & M LAGMAN (INDIA).

Application for Patent No. 807/Del/91 filed on 3-9-91.

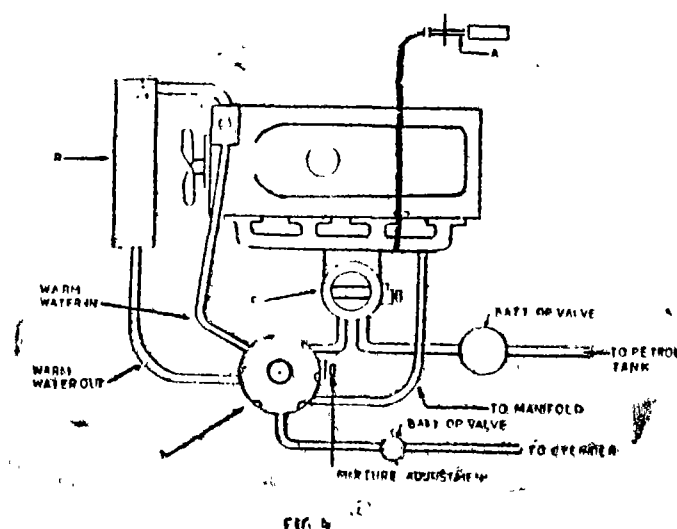
Complete left after provisional specification filed on 28-7-92.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

7 Claims

An accessory of internal combustion (IC) petrol engines for running the same with liquid petroleum gas (lpg) as fuel, characterised in that the accessory comprising : (A) a first compartment for receiving said gas from a lpg cylinder through an inlet tube placed in a water channel provided for circulating warm water from the radiator of an IC petrol engine around the gas inlet tube, thus preventing any excessive cooling of the gas owing to sudden expansion of the gas during its transfer from the lpg cylinder to the first compartment which is provided with a regulating device for automatic control of the pressure of gas therein to be at a preselected constant level above the atmospheric pressure; and (B) a second compartment connected to the first compartment through a number of valves and restricted passages to allow the flow of the gas at the constant pressure from the first to the second compartment which contains a spring loaded safety valve for preventing passage of the gas from the first to the second compartment when the pistons of the engine remain stationary; (C) a device for controlling the volume of gas flowing from the first to the second compartment and to the carburettor of the engine to be related with the extent of displacement of the engine accelerator when the engine is cranked, creating thereby a vacuum in its manifold and carburettor of the engine; and (D) a solenoid valve which is capable of opening an auxiliary direct passage between the first and second compartments for attaining the so-called 'choking effect' by allowing slightly

excess gas to pass from the first to the second compartment and to the carburettor of the engine, at the time of starting of the engine from a cold condition.



(Provn. Specn. : 5 pages; Drwgn. : 2 sheets)  
(Compl. Specn. : 24 pages; Drwgn. : 6 sheets)

Ind. Cl. : 170 B, D. 184164  
Int. Cl.<sup>4</sup> : C 11 D 1/00.

#### A LAUNDRY DETERGENT COMPOSITION.

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE FLAZA, CINCINNATI, STATE OF OHIO 45202, UNITED STATES OF AMERICA.

#### Inventors :

BRUCE PRENTISS MURCH—U.S.A.,  
STEPHEN WILLIAM MORRALL—U.S.A. and  
MARK HSIANG KUEN MAO—U.S.

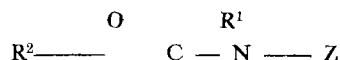
Application for Patent No. 920/Del/1991 filed on 26th September 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

#### 6 Claims

A laundry detergent composition comprises :

(a) at least 1% by weight of a polyhydroxy fatty acid amide compounds of the formula :



wherein R<sup>1</sup> is H, C<sub>1</sub>-C<sub>4</sub> hydrocarbyl, 2-hydroxy ethyl, 2-hydroxy propyl, or a mixture thereof, R<sup>2</sup> is C<sub>3</sub>-C<sub>21</sub> hydrocarbyl, and Z is a polyhydroxyhydrocarbyl having a linear hydrocarbyl chain with at least 3 hydroxyls directly connected to said chain, or an alkoxyated derivative thereof;

(b) at least 1% by weight of an alkyl sulfate surfactant;

(c) optionally atleast .01% by weight of said suppressors wherein said composition has a weight ratio of (a); (b) of From 1 : 10 to 10 : 1.

(Compl. Specn. 86 pages; Drawing Sheet-Nil)

Ind. Cl. : 12 B

184165

Int. Cl.<sup>4</sup> : C 22 C 33/00, 38/00.

AN IMPROVED PROCESS FOR THE PREPARATION OF ZINC AND COPPER-ZINC ALLOY MATRICES HAVING IMPROVED CORROSION-RESISTANCE PROPERTIES.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

#### Inventors :

DWIJOTTAM MUKHERJEE, INDIA  
NARAYANAN PALANISWAMY, INDIA  
SRINIVASAN MURALIDHARAN, INDIA  
KRISHNASWAMY BALAKRISHNAN, INDIA.

Application for Patent No. 1040/Del/91 filed on 29-10-91.

Complete left after Provisional filed on 15-7-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

#### 2 Claims

An improved process for the preparation of zinc and copper zinc alloy-matrices, having improved corrosion resistance properties, which comprises reinforcing pure zinc/copper zinc alloy matrices with ultrafine inert particulates selected from SiC, Al<sub>2</sub>O<sub>3</sub>, TiO<sub>2</sub>, BC, WC having the size varying from 600 to 800 mesh and with an amount ranging from 0.25% to 1.5% (wt%) of the said alloy by thermo-mechanical treatment in a furnace, at a temperature in the range of 600°C to 1000°C.

(Provisional 5 Pages

Drawing Nil Sheet)

(Complete 8 Pages

Drawings Nil Sheets)

Ind. Cl. : 50 D, F

184166

Int. Cl.<sup>4</sup> : A47 F 3/04

AN IMPROVED COOLING DEVICE USEFUL FOR PRESERVING SUBSTANCES LIKE VACCINE .

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

#### Inventors :

TARA PRASAD SARKAR, INDIA  
BIJAN CHANDRA MUKHERJEE, INDIA.

Application for Patent No. 1139/Del/91 filed on 22-11-91. Complete left after Provisional Specification on 16-7-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

#### 2 Claims

An improved cooling device useful for preserving substances like vaccine which comprises a chamber formed by placing two cabinets (1 and 2) one cabinet (1) placed inside the other (2) in such a way so as to form a gap (1A) between them, the said gap (1A) being filled with an insulating material, the inside wall of the inner chamber being provided with a plurality of tubes (3), the said tubes (3) being filled with water, a tube (4) coiled and placed along the periphery of the inner chamber, one end of the said tube (4) being connected to a compressor (5) through suction pipe (6), the discharge tube (7) of the compressor (5) being connected to the inlet of the condenser (8) through a tube (9), the said tube (9) passing through the

said gap (1A), the other end of the tube (4) being connected to the outlet of the condenser (8) through a drier (10) and a capillary tube (11), the chamber being connected to the refrigeration unit consisting of the said compressor (5) and the said condenser (8) by means of valves (12, 13, 14 and 15) in such a way that the chamber can be detached from the refrigeration unit as and when required, the chamber being provided with a cover (16) having a magnetic gasket (17) and also provided with a handle (18) and a lock.

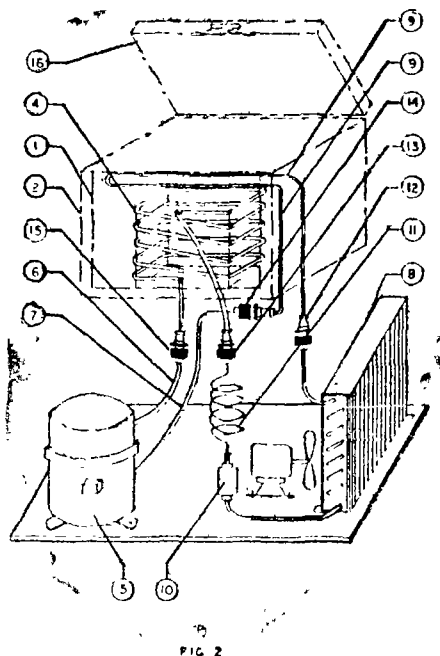


FIG. 2

(Provisional 7 pages  
(Compl. Specn. 8 pages)

Drawg. Nil Sheet)  
Drawgs. 3 Sheets)

Ind. Cl. : 128 A, g XIX (2)  
Int. Cl.<sup>4</sup> : A 61 F 13/00.

184167

#### A DISPOSABLE ABSORBENT BANDAGE.

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI STATE OF OHIO, UNITED STATES OF AMERICA.

##### Inventors :

JAMES WILLIAM CREE—U.S.A.  
CHARLES FRIDERICK BETTRELL—U.S.A.  
JOSEPH CURRO—U.S.A.  
DONALD LEROY GERTH—U.S.A.  
WILLIAM IRVIN MULLANE JR.—U.S.A.  
WILLIAM ROBERT QUELLETTE—U.S.A.  
JULIE WALSTON LYONS—U.S.A., AND  
CHARLES LBUR CHAPPELL—U.S.A.

Application for Patent No. 1215/Del/91 filed on 11th Dec. 1991.

Divisional out of Patent Application No. 724/Del/88 filed on 23-8-88.

Ante-dated to 23-8-88.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

#### 3 Claims

A disposable absorbent bandage which resists the generation of noise when subjected to in-use movement by the wearer, said bandage comprising :

- (a) an absorbent element (3) for receiving discharged body fluids ; and
- (b) a backsheet comprised of a substantially fluid impervious microbubbled polymeric web (4) as herein described.

(Compl. Specn. 82 pages

Drgs. 15 sheets)

Ind. Cl. : 174 B, G.

184168

Int. Cl.<sup>4</sup> : A 47 L B 60 G.

#### A COLLET FOR WASHING MACHINE.

Applicant : WHIRLPOOL CORPORATION, A DELAWARE CORPORATION, OF 2000 M-63 BENTON HARBOR, MICHIGAN 49022, UNITED STATES OF AMERICA.

##### Inventors :

ROBERT ALEX BRENNER—U.S.A.,  
JEFFREY LEE BURK—U.S. and  
BRENNER MARTIN SHARP—CANADA.

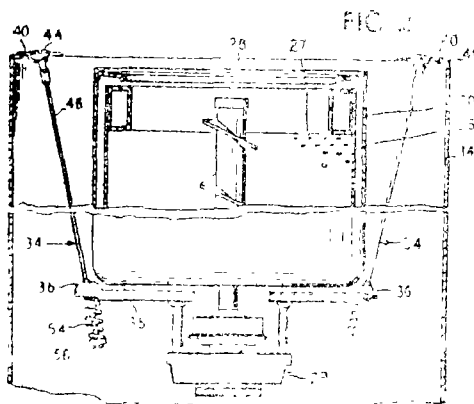
Application for Patent No. 1246/Del/1991 filed on 18th December, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

#### 9 Claims

A collet for washing machines for damping reciprocal movement of a rod inserted therethrough with respect to a base portion engaged by said collet, comprises biasing means arranged to press said collet against said base portion and to resist movement of said base and said collet with respect to said rod in a axial direction, wherein : a first inclined shoulder portion and a second inclined shoulder portion, facing toward each other in a spaced apart posture separated by a gap, said first shoulder portion providing a first surface facing said base portion and said second shoulder portion providing a second surface facing said base portion, and said base portion providing a third surface abutting said first and second surfaces, said first and second surfaces inclined towards each other such that the force from said third surface upon said first and second surfaces squeezes said first shoulder portion and said second shoulder portion together ; a tube portion having an axial channel for insertion of said rod therethrough said tube portion arranged between and connecting said first shoulder portion to said second shoulder portion at a first end of said tube portion, said tube portion split along its axis with a first slot, said first slot open to said gap, said first slot terminating at a first distance from a second end of said tube portion further split by a second slot from said second end of said tube portion towards said first end of said tube portion, said second slot oriented angularly offset about the axis of said

tube portion from said first slot said second slot terminating a second distance from said first end of said tube portion.



(Compl. Specn 16 pages

Drgs. 2 sheets)

Ind. Cl. : 189, 128A,

184169

Int Cl.<sup>4</sup> : A61F 13/18.

### A MULTIPLE LAYER ABSORBENT CORE.

Applicant: THE PROCTER & GAMBLE CO., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF THE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO 45202, UNITED STATES OF AMERICA.

**Inventors :**

JOHN RICHARD NOEL (USA) &  
NICHOLAS ALBERT AHR (USA).

Application or Patent No. 1275/Del/91 filed on 26-12-91

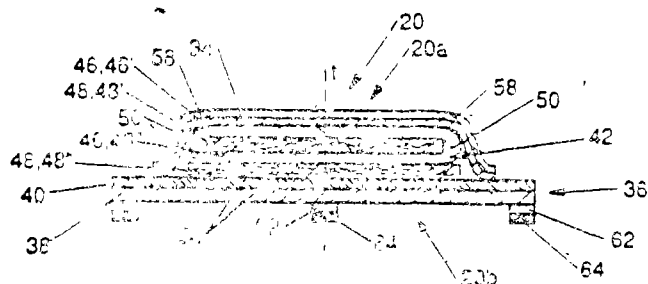
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

## 8 Claims

A multiple layer absorbent core for an absorbent article having a body-facing side and a garment-facing side, comprising at least one pair of layers, wherein each pair of layers comprises:

at least one acquisition/distribution layer having a material selected from the group consisting of a nonwoven material, a foam cellulose or cross-linked cellulose fibers and having a fluid acquisition/distribution rate of at least 2 cubic centimeters of synthetic urine per second when said acquisition/distribution layer is placed under a pressure of 28 grams per square centimeter; and

a storage layer for each acquisition/distribution layer positioned closer to said garment-facing side of said absorbent core than said acquisition/distribution layer, said storage layer comprising between 10% to 100% of an absorbent gelling material absorbing synthetic urine at a rate of at least 40% of its absorptive capacity in less than or equal to 10 second; upto 80% synthetic fibers; upto 80% of cross linked fibers; and upto 20% binder fiber.



(Compl. Given 63 pages)

(Proc. 4 sheet.)

Ind. Cl. - 55E.

184170

Int. Cl.<sup>7</sup>: A61K 31/00.

### A PROCESS FOR PREPARATION OF A NOVEL RE- ACTIVE THIOPHOSPHATE OF THIA (DIA) ZOLF ACETIC ACID.

Applicant : LUCKY LTD., 20, YOIDE-DONG, YONG-DUNGPE-KU, SEOUL REPUBLIC OF KOREA.

Inventors :

SUNG KYUM KIM,

JONG CHAN LIM,

TAE SUK KWON.

BONG JUN PARK and

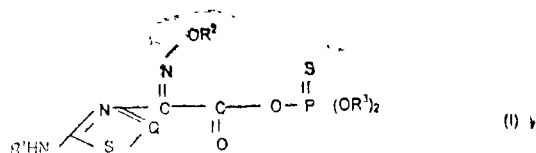
WOO HYN KIM (KOREA).

Application for Patent No. 408/Del/94 filed on 6-4-94.

Appropriae Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

## 8 Claims

A process for preparation of a novel reactive thiophosphate of thia (dia) zole acetic acids having the following general



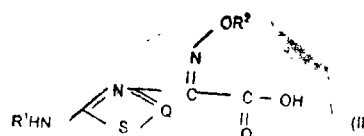
R<sup>1</sup> represents hydrogen or an amino-protecting group;

R<sup>2</sup> represents hydrogen, C<sub>1</sub>-C<sub>4</sub> alkyl or -C(R<sup>a</sup>)(R<sup>b</sup>)CO<sub>2</sub>R<sup>c</sup>, where in R<sup>a</sup> and R<sup>b</sup> in the group -C(R<sup>a</sup>)(R<sup>b</sup>)CO<sub>2</sub>R<sup>c</sup> for R<sup>2</sup> are identical or different from each other and represent hydrogen or C<sub>1</sub>-C<sub>4</sub> alkyl or R<sup>a</sup> and R<sup>b</sup> together with a carbon atom to which they are bound can form a C<sub>3</sub>-C<sub>7</sub> cycloalkyl group and R<sup>c</sup> is hydrogen or a carboxy-protecting group;

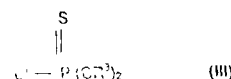
R<sup>3</sup> represents C<sub>1</sub>-C<sub>4</sub> alkyl or phenyl or R<sup>3</sup> together with an oxygen atom and a phosphorus atom to which it is bound can form a 5- or 6-membered heterocyclic ring; and

Q represent N or CH.

characterized in that an organic acid having following general formula (II)



in which  $R^1$ ,  $R^2$  and  $Q$  are defined as previously described, is reacted at a reaction temperature of  $-40^\circ$  to  $60^\circ\text{C}$  with a chlorothiophosphate derivative having the following general formula (III):



in which  $R^3$  is defined as previously described, in a solvent in the presence of a base and a catalyst, wherein the catalyst is tertiary amines, quaternary ammonium or phosphonium compounds and the catalyst is used in an amount of 0.1 to 50 mole-% with respect to the organic acid of formula (II).

(Compl. Specn. 21 Pages

Drawing Sheet Nil)

## RENEWAL FEES PAID

171685 174332 170856 169109 173366 175668 171161 173352  
 173672 173682 175892 176631 179919 170859 181847 181799  
 179917 176641 173693 169463 169318 179379 169323 175793  
 181170 174981 175536 175894 170984 169934 177292 179637  
 170363 180011 181439 169391 169307 169308 180015 180016  
 182228 182275 182363 182364 182365 182370 182421 182424  
 182425 182426 182428 182429 182462 182465 182468 182481  
 182482 182483 182491 182495 182494 182498 182499 182500  
 180469 180680 178586 179571 169392 173802 180012 181973  
 171048 172645 173155 170816 177297 179416 181492 171024  
 175671 180805 180806 173642 177853 169521 179575 175669  
 171026 170876 181219 179472 177760 182843 182488 182487  
 182844 182492 179892 173237 178499 176763 180545 169998  
 173148 174281 171112 179638 179918 179920 180531 180527  
 180526 179371 179380 181420 180237 180538 180543 180550  
 169350 169408 171331 178113 179344 171991 180535 181543  
 175695 179466 174974 180019 173367 174081 170539 174077  
 181851 180013 180014 181495 175090 181879 182427 182576  
 171269 177752 172444

## PATENT SEALED ON 26-05-2000

179708 182858 182956 183321 183322\* 183324 183326 183327  
 183328 183329 183331\*D 183332\*D 183333\*D 183334\*D  
 183336\*D 183337\*D 183338\*D

CAL-09, DEL-07, MUM-NIL, CHEN-01.

\*Patent shall be deemed to be endorsed with words  
 LICENCE OF RIGHT Under Section 87 of the Patents Act,  
 1970 from the date of expiration of three years from the date  
 of sealing.

D—Drug Patents.

F—Food Patents.

## REGISTRATION OF DESIGNS

The following design have been registered. They are not  
 open to inspection for a period of two years from the date of  
 registration except as provided for in Section 50 of the  
 Designs Act, 1911.

The date shown in the each entries is the date of registration  
 included in the entries.

Class 3. No. 180847, B. R. Plastics, a registered partnership  
 concern, 314, A to Z Industrial Estate, 3rd floor,  
 G. Kadam Marg, Mumbai-400 013, Maharashtra,  
 India. "COMB", 22nd November 1999.

Class 3. No. 180731, Nilkamal Plastics Ltd. an Indian  
 Company, Plot Nos. 971-1A, Sinnar Taluka  
 Industrial Co-Operative Estate, Sinnar Shirdi  
 Road, Sinnar-422103, Maharashtra, India.  
 "CHAIR", 3rd November 1999.

Class 3. No. 180772, Nilkamal Plastics Ltd., an Indian  
 Company, Plot No. 971-1A, Sinnar Taluka  
 Industrial Co-Operative Estate, Sinnar Shirdi  
 Road, Sinnar-422103, Maharashtra, India.  
 "CHAIR", 12th November 1999.

Class 3. No. 180787, Mr. Jagannath Shaw, an Indian  
 national Proprietor of M/s. Jai Maa Tarini Udyog  
 of Near Mission Hata, P. O. Rajgangpur, Dist.  
 Sundergarh, Pin-770 017, Orissa, India, "SEAL".  
 15th November 1999.

Class 4. No. 181160, Herbertsons Limited, An Indian  
 company, Ewart House, 22 Homi Mody Street,  
 Mumbai-400 023, Maharashtra, India, "BOTTLE".  
 23rd December 1999.

Class 5. No. 180786, Mr. Jagannath Shaw, an Indian  
 national Proprietor of M/s. Jai Maa Tarini Udyog  
 of near Mission Hata, P. O. Rajgangpur, Dist.  
 Sundergarh, Pin-770 017, Orissa, India, "EDGE  
 PROTECTOR", 15th November 1999.

Class 12. Nos. 180775 to 180778, Richie Rich Products, an  
 Indian sole Proprietorship concern, A-18, Ram  
 House, Middle Circle Connaught Place, New  
 Delhi-110 001, India, "DOLL", 15th November  
 1999.

Class 1. No. 180686, Capital Metal Industries, Indian Partner-  
 ship Firm. 129-130-R, Indl Area-B, Ludhiana (Pb.)  
 (India). "SHEET METAL BOBBIN WINDER  
 FRAME (SPINDLE SPRING TYPE)", 29th  
 October, 1999.

Class 3. No. 180738, Nilkamal Plastics Ltd., Indian Company,  
 Plot Nos. 871-1A, Sinnar Taluka Industrial Co-  
 Operative Estate, Sinnar Shirdi Road, Sinnar-  
 422103, Maharashtra, India. "CHAIR", 4th  
 November 1999.

Class 3. No. 180636, Ramesh Kumar Champalal, Proprietor  
 trading as Ramesh Trading Company, D. No. 31-  
 32-1-108, K. V. R. Swamy Road, Rajahmundry-  
 533101 (A.P.), "BOTTLE", 25th October 1999.

Class 3. No. 180866, Manohar Toys (India), an Indian  
 proprietorship firm whose proprietor is Mr. Vikas  
 Jain, an Indian national of 3132, Gali Jamadar,  
 Bahadurgarh Road, Delhi-110006, India, "TOY  
 TRACTOR", 25th November 1999.

Class 3. No. 180834, Vuetukuri Subba Rao, an Indian  
 citizen trading as GOODWILL TRADE LINKS,  
 7-308, Nehru Street Markapur, Prakasam District,  
 AP, India, "CONTAINER", 19th November 1999.

Class 3. No. 180744, USF Johnson Screens Pty Ltd., an  
 Australian company of 236 Macquarie Road,  
 Warners Bay, New South Wales, 2282, Australia,  
 "SCREENING PANEL ASSEMBLY", 12th May  
 1999 (Reciprocity Date).

Class 3. No. 180763, The Procter & Gamble Company, a  
 corporation organised under the laws of the State  
 of Ohio, U.S.A. of One Procter & Gamble Plaza,  
 Cincinnati, State of Ohio, United State of America,  
 "CONTAINER", 8th November 1999.

Class 1. No. 180762, Surjeev Ghai, an Indian national of  
 B-34, Vishal Enclave, Rajouri Garden, New  
 Delhi-110027, India, "REMOTE CONTROL  
 CAR JACK", 8th November 1999.

Class 5. No. 180755 and 180756, Recot, Inc., a corporation  
 organised and existing under the laws of the  
 State of Delaware, U.S.A. of 5000 Hopyard Road,  
 Suite 460 Pleasanton, California 94588, United  
 States of America, "CONTAINER", 5th November  
 1999.

Class 3. No. 180514, Phenowold Polymer Pvt. Ltd., Saki Vihar  
 Lake Road, Mumbai-400072, Maharashtra, India,  
 an Indian company. "WESTERN COMMODE  
 LID", 5th October 1999.

N. R. SETH

Dy. Controller of Patents & Designs

प्रबन्धक, भारत सरकार मन्त्रालय, फरीदाबाद द्वारा मूद्रित

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